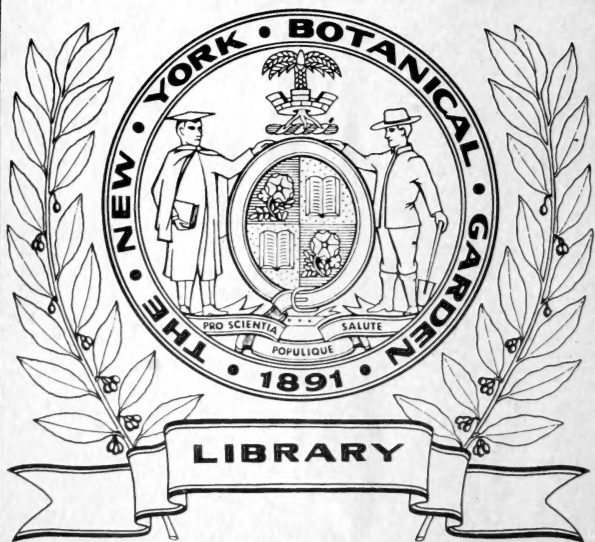
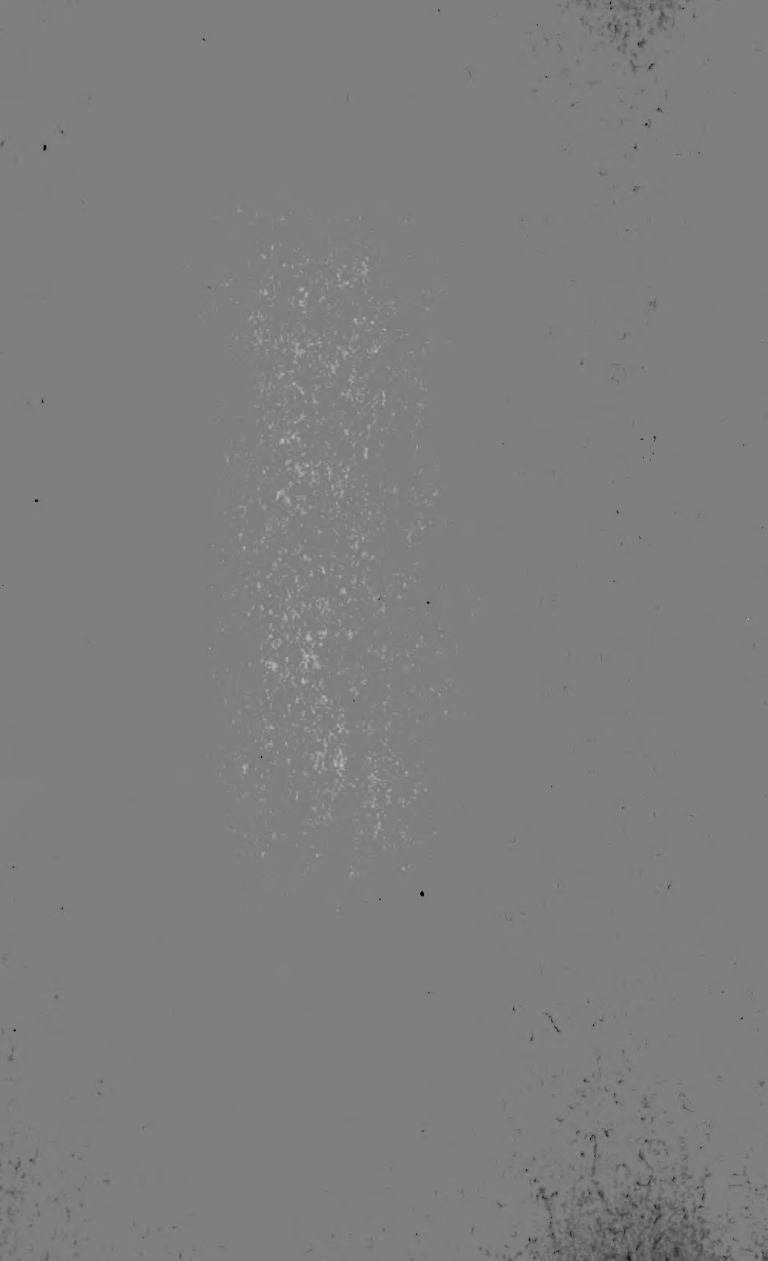


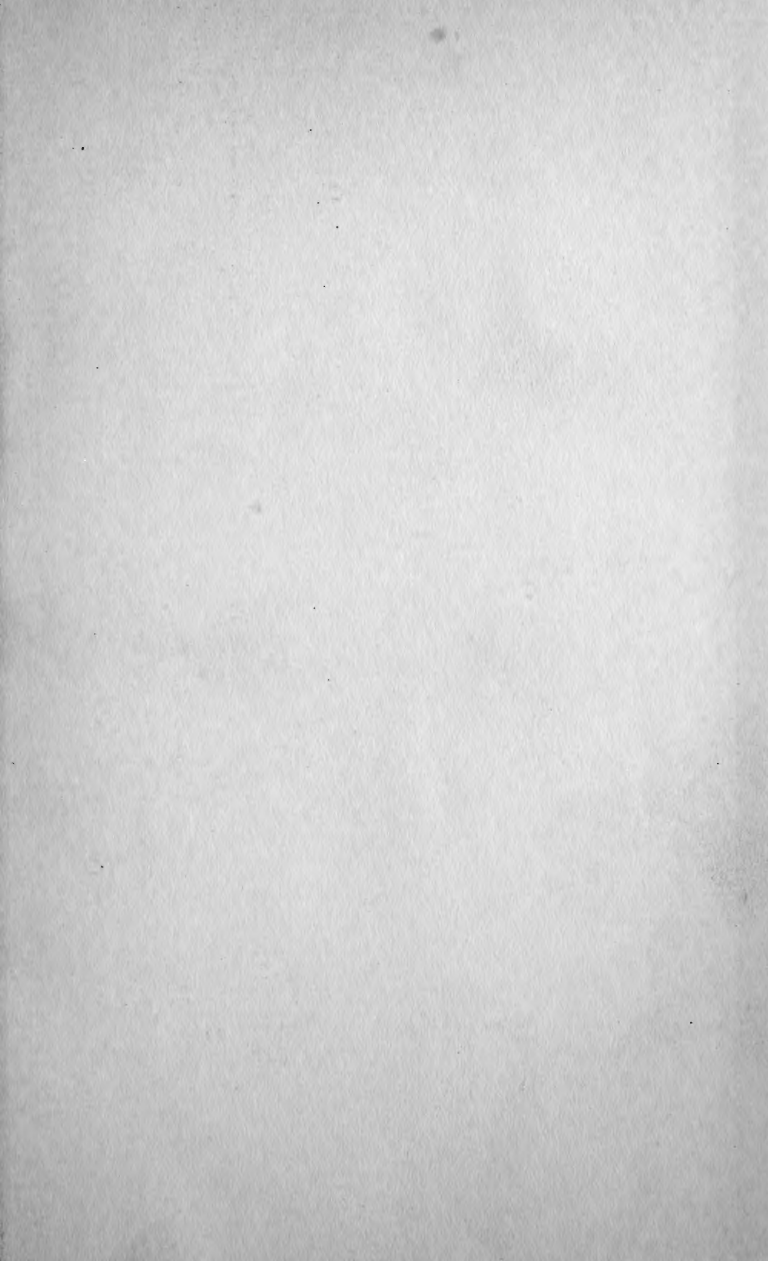
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ROYAL GARDENS, KEW.

H A N D - L I S T

OF

TENDER MONOCOTYLEDONS,

Excluding Orchideæ,

CULTIVATED IN

THE ROYAL GARDENS, KEW.

1897.



L O N D O N :

SOLD AT THE ROYAL GARDENS, KEW.

PRINTED FOR HER MAJESTY'S STATIONERY OFFICE

BY EYRE AND SPOTTISWOODE,

PRINTERS TO THE QUEEN'S MOST EXCELLENT MAJESTY.

1897.

Price Ninepence.

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EDWARD J. BROWN
BY
PRESIDENT TO THE

P R E F A C E.

THE present Hand List is another instalment of the complete enumeration of the plants cultivated in the Royal Gardens which it is hoped eventually to accomplish.

The scope of the contents of the Hand List, which are somewhat heterogeneous, is dictated in great measure by convenience. It includes large groups of plants of great scientific interest which, for various reasons, are more attractive to ordinary cultivators than many which are comprised necessarily in a botanical collection. For this reason it is hoped that it may be found not less useful than its predecessors.

A few words may be said as to the history at Kew of the more important of the groups now catalogued.

SCITAMINEÆ.

An order including Gingers, Arrowroot-plants, and Musas. It numbers some 450 species, of which 240 are in cultivation at Kew. Almost all are natives of the tropics. About 40 species are given in 1813 in the second edition of Aiton's *Hortus Kewensis*, and 139 by John Smith, curator of the Royal Gardens, 1841-63, in his privately printed *Records of Kew* (p. 222) as forming "the Kew collection between the years 1822 and 1864."

Musa Ensete, one of the most popular representatives of the family and a conspicuous ornament of the gardens

of Southern Europe, was first introduced into cultivation at Kew. In 1853 Walter Plowden, Esq., H.B.M. Consul at Massowah, Abyssinia, sent seeds from which plants were raised, one of which was ultimately figured in the *Botanical Magazine* (tt. 5223, 5224).

Strelitzia Reginae, a beautiful plant which almost certainly preserves an unbroken descent at Kew, was named by Sir Joseph Banks in honour of Queen Charlotte, who was a daughter of the Duke of Mecklenburg-Strelitz, but which, with characteristic modesty, he allowed the elder Aiton to publish. Banks had introduced it to the Royal Gardens in 1773 from the Cape of Good Hope.

Strelitzia Augusta was introduced in 1791 by Francis Masson, the botanical collector for the Royal Gardens, where it has been cultivated ever since. It may have been named in compliment to the Princess Augusta, mother of George III.

The collection is dispersed according to the habits of the plants and the different treatment they require, between the Palm House (No. I.), the Stove (No. IX.), and the Water Lily House (No. XV.). A few are represented in the Temperate House.

BROMELIACEÆ.

The order of which the Pine-apple is a familiar representative; the species are mostly epiphytal on trees and exclusively natives of the New World. According to Aiton's *Hortus Kewensis*, 16 species had been introduced at Kew previous to 1813. In 1864

Smith states (*Records*, p. 206) that the number amounted to nearly 100.

In *Appendix II.* to the *Kew Report* for 1878 a list of species cultivated at that time was given, numbering 147. The extent of the collection was much increased by the purchase in 1886 of a large selection from that formed by the late Professor Edouard Morren, of Liège, which was at the time probably the richest in existence. The number of species comprised in the present list amounts to 252.

Mr. J. G. Baker, F.R.S., the present Keeper of the Herbarium of the Royal Gardens, based his invaluable "Handbook of the Bromeliaceæ" (1889) in great measure on the Kew collection of living plants, supplemented by the unique collection of drawings also formed by Professor Morren and acquired by the Bentham Trustees for the Kew Library.

For many years the collection of *Bromeliaceæ* was grown in the Palm House. The atmosphere was, however, too dry for their successful cultivation, and in 1883 they were removed to the Stove (No. IX.) and Victoria House (No. X.).

CAPE BULBS.

The orders *Hæmodoraceæ*, *Irideæ*, *Amaryllideæ*, and *Liliaceæ*, though widely dispersed, are represented in especial profusion in South Africa, and the species from that part of the world are collectively often spoken of in cultivation as "Cape Bulbs." The sixth volume of the *Flora Capensis*, now in course of publication, is entirely devoted to their description.

At the instance of the Royal Society the practice was commenced in 1772 of sending out collectors of plants to foreign countries from Kew. Francis Masson, in whose honour the genus *Massonia* was named, twice visited the Cape of Good Hope for this purpose; first, from 1774-6, and secondly from 1786-95. He "collected and sent home a profusion of plants unknown till that time to the botanical gardens in Europe."

James Bowie (commemorated in *Bowiea*) collected at the Cape for Kew from 1817-23. He introduced, amongst numerous other plants, the well-known *Clivia nobilis*.

The method of growing Cape bulbs in this country originally adopted at Kew is thus described by Smith (*Records*, pp. 312, 313):—"The garden collection of bulbs were grown in glazed frames, called the bulb borders, attached to the fronts of the Botany Bay, Cape, and Palm Houses, the length of the whole being 234 feet, width 5 feet. They received heat from the flue that heated the house, through openings left in the brickwork, and in severe winters they were protected by shutters. In these borders the principal of Masson's and Bowie's collections were well maintained for many years."

This system, which has been since reverted to partially, is admittedly the best when the bulbs are planted out. But for the bulk of the collection it is more convenient to grow them in pots. When at rest these are kept in a private house (No. XVII. c.), from which, when in flower, they are removed to the Cape House (No. VII.).

No trustworthy statistics are available as to the number of species of tender bulbous plants cultivated

at earlier periods at Kew. But the numbers enumerated in the present list are :— *Hæmodoraceæ*, 28 ; *Irideæ*, 221 ; *Amaryllideæ*, 488 ; *Liliaceæ*, 512 ; making a total of 1249.

ALOES, YUCCAS, AND AGAVES.

Aloe (to which may be added *Haworthia*) and *Yucca* ("Adam's-needle") belong to the order *Liliaceæ*, *Agave* to *Amaryllidaceæ*. In habit they have all many points of resemblance, and the majority flourish under similar cultural conditions. Hence *Agave*, though it has no near botanical affinity with *Aloe*, is often called the "American Aloe." The bulk of the Kew collection is to be found in the Succulent House (No. V.). *Aloe* and *Haworthia* are confined to the African region, *Yucca* and *Agave* are exclusively American. Of the group of *Aloineæ* nine species are recorded by Hill as grown at Kew in 1768, and 29 by Aiton in 1814. The collection was greatly enriched by the mission of James Bowie to South Africa in 1817–23, and a large number of species were introduced which were described by Haworth ; few of these have probably been lost since that time. The collection was largely enriched in 1889 by purchases from the celebrated collection of the late John T. Peacock, Esq., of Sudbury House, Hammersmith. A selection from his extensive collection of succulents had been temporarily exhibited in the South Octagon of the Temperate House from 1878–81 (*Kew Report*, 1878, p. 6). *Appendix II.* of the *Kew Report* for 1880 gave a catalogue of the *Aloineæ*, *Yuccoideæ*, and Agaves cultivated in the Royal

Gardens, including those in the Peacock collection. It enumerates 296 species.

Those catalogued in the present Hand List amount to 377.

One of the most interesting introductions of recent times is the great Natal Tree-Aloe (*Aloe Bainesii*), of which the first plant in European gardens was raised from a cutting sent to Kew in 1867 by Mrs. Barber. It is figured in the *Botanical Magazine* (t. 6848). The other African arborescent species (*A. dichotoma*), which had been lost to cultivation, was re-introduced by Sir Henry Barkly, G.C.M.G., K.C.B., Governor, Cape of Good Hope, 1870-7.

The history of a specimen of the arboreous *Yucca filifera* of North-East Mexico is sufficiently remarkable to deserve notice. "The trunk was sent to Kew in October 1888, by Mr. C. G. Pringle, through Professor Sargent. When it arrived at Kew it appeared to be quite dead, and was accordingly placed in Museum No. III. After remaining there two years it put out rudimentary leaves and an inflorescence, and on being transferred to the Temperate House these were fully developed in September 1890." Unfortunately, after this effort, it finally succumbed. It is figured in the *Bot. Mag.* (t. 7197).

PALMS.

Palms form an order of plants which is conspicuously distinct from all others. Their salient characters are indeed familiar at a glance. The majority are natives of the Tropics, and therefore in this country require a

high temperature for their cultivation. The greater number are natives of the New World, and in the old Africa is poorest in species. A few are found in extra-tropical countries, and to these the gardens of Southern Europe owe much of their striking character and beauty. The *Kew Bulletin* for 1889 (pp. 291-297) contain an account of the species cultivated on the Riviera. In this country these require the protection of glass; but one, *Trachycarpus excelsa*, a native of China, is hardy out of doors.

The total number of species actually known to botanists is upwards of 1100, but many doubtless still remain to be described.

In 1768 six species were enumerated in Hill's *Hortus Kewensis* as in cultivation at Kew. In 1787 Aiton in his *Hortus Kewensis* gives 10, and in 1813, in the second edition, 20. Smith states (*Records*, p. 96) that in 1830 the collection had increased to 40 species and enumerates 141 species as cultivated in the Royal Gardens from 1760-1864 (pp. 98-106). *Appendix II.* to the *Kew Report* for 1882 (pp. 53-73) contains a classified list of the Palms cultivated in the Royal Gardens; this includes 370 species.

The number catalogued in the present Hand List amounts to 407. Of these 40 are represented in the Temperate House. This is probably the largest assemblage of species of the order to be found in any one place in the world. It is doubtful whether it does not exceed that in the Botanic Garden at Buitenzorg, in Java, which in any case excels the Kew collection in the magnitude of individual species if it does not actually do so in the number cultivated.

In 1820, according to Smith (p. 96), the palms "occupied a lean-to house called the Palm House, which stood about 100 feet north of the west end of the present Fern House (No. II.): it was 60 feet long, 16 feet wide, and 15 feet high at the back." In 1828, to accommodate the increasing size of the specimens, "the house was raised four feet."

He continues:—"In 1830 the collection had increased to 40 species, which necessitated placing some of them in other houses. During the latter years of the reign of George III. and George IV., a new Palm House was contemplated, and a plot of ground set apart for its erection; but nothing was done until the accession of William IV., who took much interest in improving the Gardens. In 1834 a plan for a spacious Palm House was prepared by the celebrated architect, Sir Jeffrey Wyattville, and in October 1834 a spot was selected and the length of the house marked out in the presence of the King."

The project was not, however, carried out, and it was not until the Royal Gardens became a public institution that it was accomplished. The present building was completed in 1848, from the designs of Decimus Burton, Esq. The length of the structure is 362 feet; its width in the centre 100 feet, and height 66 feet; the wings are 50 feet wide and 30 feet high.

The oldest palm in the house is *Sabal blackburniana*. Of these there were two specimens, one of which was taken down for want of room in 1876. Smith (*Records*, pp. 122, 123) gives the following account of them:—"On my entering Kew in the Spring of 1820, the first hot house I came to was the Palm House; on looking

in I was struck with what I then considered a wonderful plant, a large-leaved Fan Palm ; and I found there was another of the same kind and size at the other end of the house There is no record of their introduction in the Garden books Probably they formed a part of the great collection of plants introduced by Admiral Bligh in 1793, on his return home after having introduced the Bread Fruit tree into the West Indies." The history of the palm has, however, always been enveloped in confusion. Its native home has been shown in the *Botany of the Challenger Expedition* (Part I, pp. 70-3) to be Bermuda. A figure of the Kew plant is given on Plate V. of that work.

A few other old specimens may be mentioned. The large plant of *Jubcea spectabilis* in the Temperate House is no doubt one of "several plants raised from seeds collected in Chili by the botanical collector, Thomas Bridges, and purchased from his agent, H. Cumming, in 1843" (Smith, *Records*, p. 111).

Trachycarpus martiana is represented in the Temperate House by two fine specimens purchased "at the sale of the collections that ornamented the Conservatory of the Royal Horticultural Society's Gardens, South Kensington, in 1889. They are supposed to have been originally purchased from the garden of the Duke of Wellington at Strathfieldsaye." One is figured in the *Bot. Mag.* (t. 7128).

Howea belmoreana.—"This palm was discovered by W. Milne, botanical collector (1852-9) for Kew on the surveying ship 'Herald,' Captain Denham. One plant was received at Kew." (Smith, *Records*, p. 115.) It is peculiar to Lord Howe's island and was long grown

at Kew under the name of *Veitchia canterburyana*. The Kew plant is figured in the *Bot. Mag.* (t. 7018) where it is stated to have been sent from the Sydney Botanical Gardens.

Trachycarpus excelsa is represented by specimens in different parts of the grounds. The history of the old specimen near the principal entrance (which formerly stood in front of No. I. house may be recorded. A native of Chusan and the North of China, it is one of "six plants . . . received in 1845 from Mr. Robert Fortune, a well-known Chinese plant collector" (Smith, *Records*, p. 116).

Palms in cultivation are slow in developing the full size of their crowns. But when once this stage is achieved the upward growth of the stem is comparatively rapid. But the time is reached when the dome of the Palm House is unable to accommodate their height, and it is then necessary to cut them down and replace them. A great clearance was made from this cause in 1876 (*Report*, p. 4). Perhaps the greatest ornament of the Palm House which was felled at this date was the stately plant of *Livistona humilis*, figured in the *Bot. Mag.* (t. 6274). According to Smith (*Records*, p. 118), it had been received in 1824 as a germinating seed sent in a case from Australia by Allan Cunningham.

SCREW PINES.

The *Pandanaceæ* are an order of trees or shrubs allied botanically to Aroids, but differing widely in habit. They are all tropical or nearly so, and natives of the African islands and those of the Pacific and

Indian Oceans. Including *Cyclanthaceæ*, some 115 species are known, and of these about half are in cultivation at Kew, mostly in the Palm House. According to Smith (*Records*, pp. 126-7) in 1864 the number of species grown in the Royal Gardens was 15.

The collection has been much increased by the plants raised from seeds brought from Rodriguez in 1874 by Professor Bayley Balfour when attached as naturalist to the Transit of Venus Expedition.

Two notable plants which were long perhaps the most striking features in the North Wing of the Palm House no longer exist. Their prospective removal on account of size was foreshadowed in the *Kew Report* for 1876 (p. 4), but it was not accomplished, and in the one case not by design, till nearly twenty years later. The following particulars respecting them were given in the *Kew Bulletin* for 1895, pp. 319-321.

“*Pandanus odoratissimus*.—There is no record of the original introduction of the striking plant which, under this name, occupied a conspicuous position at the extreme end of the north wing. Smith mentions its existence (*Records*, p. 96) in 1823. Unfortunately screw pines grow only from the extremities of their branches, and do not when cut in produce new growths by the development of adventitious buds. No ordinary horticultural building can therefore eventually accommodate them, and their removal on account of unmanageable size is only a question of time. Before its removal the great Kew Screw Pine ‘had about 40 branches, each bearing a huge tuft of foliage, and it measured 30 ft. in height, with a diameter of 40 ft. Its weight would be about 6 tons.’

"It was a female plant and first fruited in 1883, and produced its large heads of fruits about a foot long almost every subsequent season. It was removed in 1894 and was then bearing five heads. Up to 1882 it was grown in a tub, and there is a good figure of it in that stage in the supplement to the *Gardeners' Chronicle* for August 5th, 1876. In that year it was lowered into a brick pit prepared for the purpose and so gained an additional space in height of 5 ft. The base of the stem with the striking mass of aerial roots has been carefully preserved for future exhibition in No. III. Museum. An illustration of the striking mass was published in the *Gardeners' Chronicle* for January 5th, 1895. *P. odoratissimus*, Roxb., is reduced in the Flora of British India to *P. fascicularis*, Lam.

"*Pandanus reflexus*.—This was a striking plant of great size which stood at the end of the north wing near the staircase. It immediately attracted attention from its dense heads of enormous stiff sword-shaped leaves. According to Smith (*Records*, p. 126) it was introduced to Kew by Wallich in 1818. *P. reflexus* is an obscure species said to be a native of Bourbon. Whether the Kew plant was correctly referred to it will perhaps never be known with certainty. It was a male plant, and the correct determination of plants of this sex presents great difficulties.

"In July 1889 a large plant of *Pandanus odoratissimus* was received from the Oxford Botanic Garden and planted in the Palm House immediately opposite the *P. reflexus*. It died in the following November, apparently from the same disease as eventually also killed the larger plant. In 1891 it was noticed that

the foliage of this had a somewhat yellowish and unhealthy appearance. The great heads of leaves then began one by one to fall over, evidently from a rotting of the stem at the 'neck.' They were removed, but the mischief continued and eventually it became necessary to sacrifice the whole plant." The disease was almost certainly due to the attacks of a fungus, *Melanconium Pandani*, which has been very destructive to Screw Pines in European Botanic Gardens.

AROIDS.

Aroidæ are a well-marked order of plants represented in our own flora by the "Cuckoo-pint" of our hedgerows. Some 900 species are known, of which 360 are cultivated at Kew. They vary in habit from terrestrial herbs to tall climbers. A large proportion are tropical and these have since 1863 been cultivated in No. I. house, the architectural conservatory removed by William IV. in 1836 from Buckingham Palace to serve the purpose of a Palm House.

Aiton, in the first edition of the *Hortus Kewensis* (1787) records 20 species; the second (1813) gives 44 as grown at Kew. Smith (*Records*, p. 92) enumerates 148 as in cultivation in 1864. In *Appendix II.* to the *Kew Report* for 1877 a catalogue is given of 250 species and varieties.

One species, without doubt the most remarkable of the order, *Amorphophallus Titanum*, is no longer in the Kew collection. A full description of it is given in the *Bot. Mag.* (tt. 7153-5).

Sir Joseph Hooker writes:—"The plant, which flowered in June 1889, was received by Sir Joseph Hooker from Dr. O. Beccari, through the Marchese Corsi Salviati, of Sesto, near Florence, exactly 10 years previously (June 1879). It was then a small seedling which had been raised at the Botanical Gardens at Florence from seeds forwarded by Dr. Beccari soon after he discovered the plant in Sumatra in 1871." The Kew plant did not mature seeds and died after flowering. A full-sized picture of the species may be seen on the ceiling of Museum No. III.

GRASSES.

The number of grasses which it is worth while to grow under glass is not large. Two of the largest Bamboos are noteworthy features in the centre of the Palm House:—*Bambusa vulgaris* and *Dendrocalamus giganteus*. The former has been in cultivation at Kew from the beginning of the century. The latter, which was one of Wallich's discoveries in the Malay Peninsula, reached it later, probably from the Royal Botanic Garden, Calcutta.

In the Victoria House there is growing in the tank a fine specimen of *Gynerium saccharoides*, the "Uva grass" of commerce. It was sent to the Royal Gardens in 1875 by Dr. Capanema from Rio de Janeiro, and occasionally flowers. It is figured in the *Bot. Mag.* (t. 7352).

HAND-LIST OF TENDER MONOCOTYLEDONS,
EXCLUDING ORCHIDEÆ, CULTIVATED IN
THE ROYAL GARDENS, KEW.

Hydrocharideae.

Vallisneria, L.

V. spiralis, L. Tropics.

Limnobia, L. C. Rich.

L. bogotensis, Kunth. Colombia.

Scitamineae.

Alpinia, L.

A. africana, Ridl.

A. Allughas, Rosc. India and Malaya. Bot. Rep. t. 501.

A. bracteata, Roxb. India.

A. caerulea, Benth. Australia.

Var. *arundelliana.*

A. calcarata, Rosc. India and China. Bot. Mag. t. 1900.

A. cernua, Sims. See *calcarata.*

A. conchigera, Griff. Malay peninsula and isles.

A. Galanga, Sw. India and Malaya.

Var. *zingiberina, Hook. f.* Bot. Mag. t. 6944.

A. magnifica, Rosc. See *Amomum magnificum.*

A. malaccensis, Rosc. India. Bot. Reg. t. 328.

A. mutica, Roxb. Malaya. Bot. Mag. t. 6908.

A. nutans, Rosc. India and Malaya. Bot. Mag. t. 1903.

Alpinia—cont.

A. officinarum, *Hance*. China. Bot. Mag. t. 6995.

A. pumila, *Hook. f.* China. Bot. Mag. t. 6832.

A. rafflesiana, *Wall.* Malay Peninsula.

A. vittata, *Hort.* See *A. rafflesiana*.

Amomum, L.

A. Afzehl, *Rosc.* Sierra Leone.

A. citratum, *Pereira*. W. Trop. Africa. Ic. Pl. t. 2478.

A. Daniellii, *Hook. f.* Mauritius. Bot. Mag. t. 4764.

A. magnificum, *Benth.* and *Hook. f.* Mauritius.

A. masticatorium, *Thw.* Ceylon.

A. Melegueta, *Rosc.* Trop. Africa.

A. pulchellum, *Thw.* See *Cyphostigma pulchellum*.

A. Sceptrum, *Oliv.* W. Trop. Africa. Bot. Mag. t. 5761.

A. vitellinum, *Lindl.* Ceylon. Bot. Reg. 1847. t. 52.

A. vittatum, *Hance*. China.

Burbidgea, Hook. f.

B. nitida, *Hook. f.* Borneo. Bot. Mag. t. 6403.

Calathea, G. F. W. Mey.

C. Allouya, *Lindl.* Guiana.

C. amabilis, *Hort.* See *Maranta amabilis*.

C. angustifolia, *Koern.* Trop. America.

C. bachemiana, *E. Morr.* Brazil. Belg. Hort. 1875. 271. fig. 4.

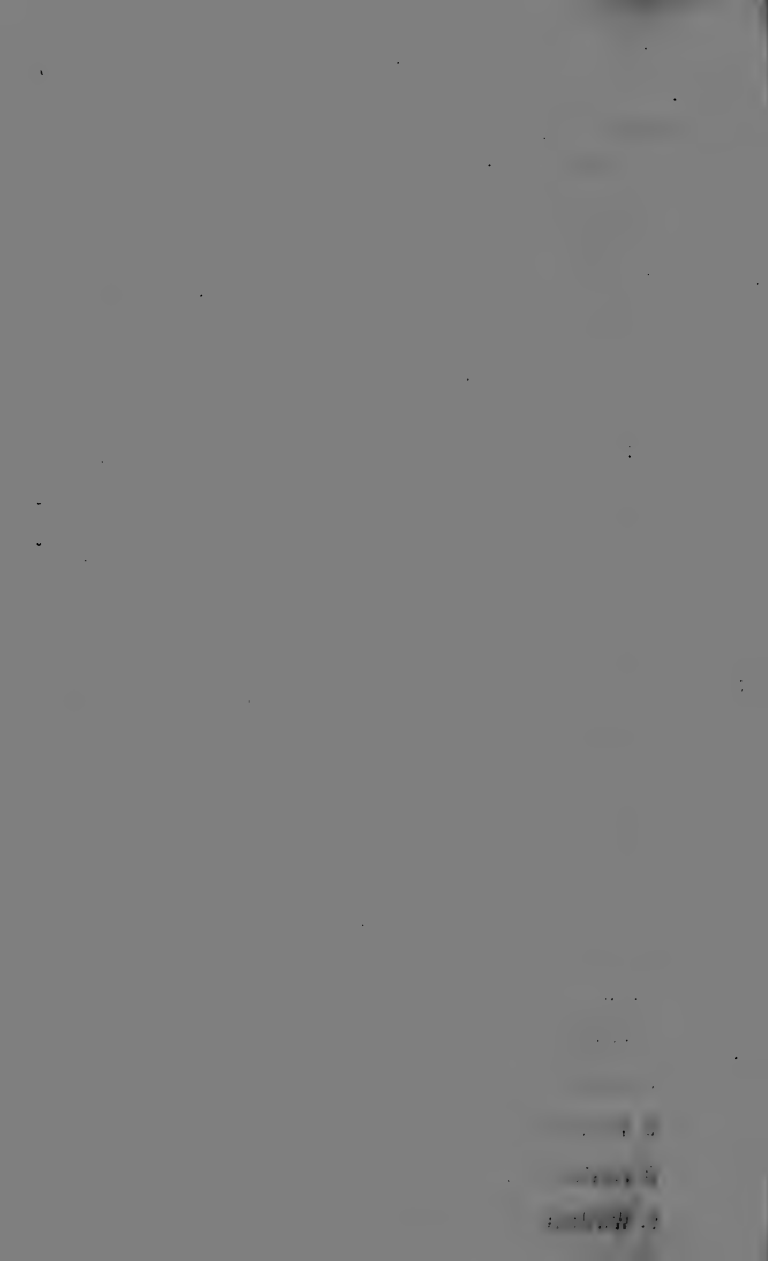
C. Binoti, *Hort.* See *zebrina*.

C. cyclophora, *Baker.* Guiana.

C. densa, *Regel.* Brazil.

Calathea—*cont.*

- C. eximia*, *Koern.* Trop. America.
C. fasciata, *Regel.* Brazil.
C. flavescens, *Lindl.* Brazil. Bot. Reg. t. 932.
C. grandifolia, *Lindl.* Brazil. Bot. Reg. t. 1210.
C. Kegeljani, *Hort.* Trop. America.
C. kerasina, *Hort.* Trop. America.
C. kerschoveana, *Hort.* See *Maranta bicolor* var.
C. leopardina, *Regel.* Brazil. Gartenfl. 1877, 35. t. 893.
C. Lietzei, *E. Morr.* Brazil. Belg. Hort. xxv. 273. fig. 8.
C. lindeniana, *Wallis.* Peru. Ill. Hort. 1871, 211. t. 82.
C. makoyana, *E. Morr.* See *Maranta bicolor* var.
C. massangeana, *Hort.* See *Maranta bicolor* var.
C. medio-picta, *Makoy.* Brazil. Gartenfl. t. 934.
C. nigro-costata, *Linden.* Colombia. Ill. Hort. 1873. t. 144.
C. pacifica, *Linden.* Peru. Ill. Hort. 1872. t. 101.
C. polytricha, *Baker.* Trinidad.
C. princeps, *Regel.* Brazil.
C. roseo-picta, *Regel.* Trop. America.
C. rufibarba, *Fenzl.* Brazil.
C. sanderiana, *Hort.* Brazil.
C. smaragdina, *Linden.* See *Ischnosiphon smaragdinus*.
C. trifasciata, *Koern.* Guiana.
C. undulata, *Regel.* Ecuador. Gartenfl. t. 852.
C. veitchiana, *Hook. f.* Bolivia? Bot. Mag. t. 5535.
C. vestita, *Baker.* Brazil. Ref. Bot. t. 311.
C. Wallisii, *Regel.* Brazil.



Calathea—*cont.*

C. wiotiana, *Makoy*. Brazil.

C. zebrina, *Lindl.* Brazil.

Var. *Binoti*.

Canna, *L.*

C. coccinea, *Rosc.* S. America.

C. edulis, *Ker.* W. Indies. Bot. Reg. t. 775.

C. esculenta, *Lodd.* See *edulis*.

C. flaccida, *Salisb.* S. United States. *Rosc. Scit.* t. 6.

C. Fintelmanni, *Bouche.* Trop. America.

C. indica, *Rosc.* W. Indies. Bot. Mag. t. 776.

C. iridiflora, *Ruiz & Pav.* Peru. Bot. Mag. t. 1968.

Var. *Ehemanni*.

C. liliiflora, *Warscew.* Panama.

C. lutea, *Mill.* Trop. America. *Rosc. Scit.* t. 18.

C. orientalis, *Rosc.* Old World Tropics. *Rosc. Scit.* t. 12.

C. patens, *Rosc.* Trop. America. Bot. Mag. t. 454.

C. rubicunda, *Bouché.* Trop. America.

C. speciosa, *Rosc.* India. Bot. Mag. t. 2317.

C. Warscewiczii, *Dietr.* Costa Rica. Bot. Mag. t. 4854.

Cautleya, *Royle.*

C. lutea, *Royle.* Himalaya, Bot. Mag. t. 6991.

C. spicata, *Baker.* Himalaya.

Ctenkowskia, *Solms.* See *Kaempferia*.**Clinogyne**, *Salisb.*

C. cuspidata (*Rosc.*). West Trop. Africa.

C. grandis, *Benth.* Malaya.

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Costus, L.

- C. afer*, *Ker.* Trop. Africa. Bot. Reg. t. 683.
C. discolor, *Rosc.* Brazil. Rosc. Scit. t. 81.
C. elegans, *Veitch.* Costa Rica.
C. englerianus, *K. Schum.* W. Trop. Africa.
C. igneus, *N. E. Br.* Brazil. Bot. Mag. t. 6821.
C. malortieanus, *Wendl.* See *elegans*.
C. mexicanus, *Liebm.* Mexico.
C. musaicus, *Hort.* Trop. America.
C. Pisonis, *Lindl.* See *spiralis*.
C. speciosus, *Smith.* India and Malaya. Paxt. Mag. iv. t. 245.
C. spicatus, *Sw.* W. Indies.
C. spiralis, *Rosc.* Venezuela. Bot. Reg. t. 899.
C. villosissimus, *Jacq.* West Indies.

Curcuma, L.

- C. Amada*, *Roxb.* India. Rosc. Scit. t. 99.
C. angustifolia, *Roxb.* Himalaya.
C. bakeriana, *Hemsl.* W. Trop. Africa.
C. caesia, *Roxb.* Bengal.
C. cordata, *Wall.* See *petiolata*.
C. longa, *L.* India, etc. Bot. Reg. t. 886.
C. neilgherrensis, *Wight.* Nilghiris.
C. petiolata, *Roxb.* Burma. Bot. Mag. tt. 4435 5821.
C. roscoeana, *Wall.* Burma. Bot. Mag. t. 4667.
C. Zedoaria, *Rosc.* India & Malaya. Rosc. Scit. t. 109.
C. Zerumbet, *Roxb.* See *Zedoaria*.



Cyphostigma, *Benth.*

C. pulchellum, *Benth.* Ceylon. Ic. Pl. t. 1380.

Elettaria, *Maton.*

E. Cardamomum, *Maton.* S. India. Benth. & Trim.
Med. Pl. t. 267.

Elettariopsis, *Baker.*

E. Curtisii, *Baker.* Penang.

Gastrochilus, *Wall.*

G. albo-lutea, *Baker.* Malaya.

G. biloba, *Ridl.* Malaya.

G. Curtisii, *Baker.* Malay Peninsula. Bot. Mag. t. 7363.

Globba, *L.*

G. atrosanguinea, *Teijsm. & Binn.* Borneo.

G. brachycarpa, *Baker.* Perak.

G. bracteata, *Heyne.* See *bulbifera*.

G. bulbifera, *Roxb.* India and Malaya.

G. marantina, *L.* India and Malaya.

G. pallidiflora, *Baker.* Malaya.

G. Schomburgkii, *Hook f.* Siam. Bot. Mag. t. 6298.

G. strobilifera, *Zoll.* See *bulbifera*.

G. variabilis, *Ridley.* Malaya.

G. versicolor, *Smith.* Malaya. Exot. Bot. t. 117.

G. Wallichii, *Baker.* Penang.

Hedychium, *Koenig.*

H. angustifolium, *Roxb.* See *coccineum*.

H. angustifolium × *gardnerianum*. Garden hybrid.

H. carneum, *Carey.* India. Bot. Mag. t. 2637.

Hedychium—*cont.*

H. coccineum, *Hamilt.* Himalaya.

Var. *angustifolium*.

Var. *longifolium*.

H. coronarium, *Koenig.* India & Malaya. Bot. Mag. t. 708.

Var. *flavum*.

H. elatum, *R. Br.* Himalaya. Bot. Reg. t. 526.

H. ellipticum, *Hamilt.* Himalaya. Rosc. Scit. t. 55.

H. Elwesii, *Baker.* Khasia.

H. flavescens, *Lodd.* See *spicatum*.

H. gardnerianum, *Rosc.* Himalaya. Bot. Mag. t. 6913.

H. gardnerianum × **coronarium**. Garden hybrid.

H. glaucum, *Rosc.* See *gracile*.

H. gracile, *Roxb.* Khasia.

Var. *glaucum*. Bot. Mag. t. 6638.

H. Horsfieldii, *R. Br.* Java.

H. longifolium, *Rosc.* See *coccinea*.

H. maximum, *Hort.* See *coronarium*.

H. speciosum, *Wall.* Silhet. Pl. As. Rar. iii. t. 285.

H. spicatum, *Hamilt.* Himalaya. Bot. Mag. t. 2300.

Heliconia, *L.*

H. angustifolia, *Hook.* Brazil. Bot. Mag. t. 4475.

H. aurantiaca, *Ghiesb.* Mexico. Bot. Mag. t. 5416.

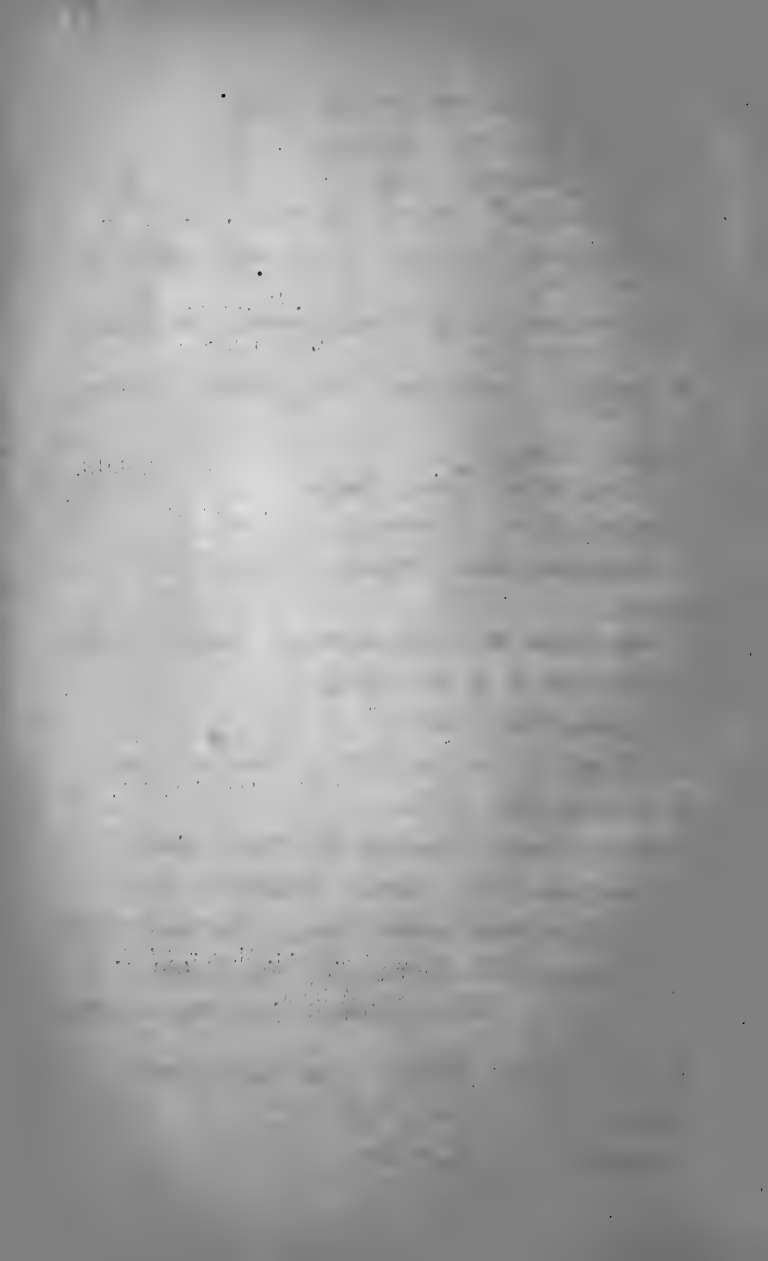
H. aureo-striata, *Hort.* New Britain.

H. bicolor, *Benth.* See *angustifolia*.

H. Bihai, *L.* S. America and W. Indies.

H. brevispatha, *Hook.* See *aurantiaca*.

H. caribaea, *Lam.* See *Bihai*.



Heliconia—*cont.*

H. discolor, Hort. See *Phrynium varians*.

H. illustris, Hort. Bull. Hab. — ?

Var. *rubricaulis*. Hort.

H. metallica, Hook. Brazil. Bot. Mag. t. 5315.

H. psittacorum, Linn. f. S. America. Mart. Fl. Bras. iii. pt. 3. t. 7.

H. pulverulenta, Lindl. Trop. America. Bot. Mag. t. 4685.

H. spectabilis, Lind. & Rod. Trop. America. Ill. Hort. 39, t. 71.

Ischnosiphon, Koern.

I. Arouma, Koern. Trop. America.

I. Parkeri, Koern. Colombia.

I. smaragdinus, Eichl. Ecuador. Ill. Hort. 1870, t. 16.

Kaempferia, L.

K. angustifolia, Rosc. India & Malaya. Red. Lil. t. 389.

K. atrovirens, N. E. Br. Borneo.

K. elegans, Wall. India.

K. Galanga, L. India and Malaya. Rosc. Scit. t. 92.

K. Gilberti, Hort. Burma.

K. Kirkii, Hook, f. Zanzibar. Bot. Mag. t. 5994.

K. marginata, Carey. Burma. Rosc. Scit. t. 93.

K. pandurata, Roxb. India & Malaya. Bot. Reg. t. 173.

K. roscoeana, Wall. Burma. Bot. Mag. t. 5600.

K. rotunda, L. India & Malaya. Bot. Mag. tt. 920, 6054.

K. secunda, Wall. Himalaya. Bot. Mag. t. 6999.

K. tillandsioides, Baker. Malaya.

K. vittata, N. E. Br. Sumatra.

*Lowia, Scortech.**L. borneensis*, (*N. E. Br.*). Borneo.*L. longiflora*, *Scortech.* Perak.*L. maxillarioides*, *Baker.* Malaya. Bot. Mag. t. 7351.*Mantisia, Sims.**M. saltatoria*, *Sims.* Chittagong. Bot. Mag. t. 1320.*M. spathulata*, *Schultes.* India.*Maranta, Plum.**M. amabilis*, *Linden.* Brazil.*M. arundinacea*, *L.* S. America.Var. *variegata*.*M. bicolor*, *Ker.* Brazil. Bot. Reg. t. 786.Var. *devosiana*.Var. *kerchoveana*. Ill. Hort. xxvi. t. 353.Var. *makoyana*.Var. *massangeana*.*M. Binoti*, Hort. See *Calathea zebrina*.*M. depressa*, *E. Morr.* Brazil. Belg. Hort. 1880, 97, t. 6.*M. Gladioli*, Hort. See *Myrosma Gladioli*.*M. grandis*, *Miq.* See *Clinogyne grandis*.*M. indica*, *Juss.* See *arundinacea*.*M. Jacquini*, *Roem & Schultes.* See *Stromanthe lutea*.*M. Kegeljani*, *E. Morr.* See *Calathea**M. kummeriana*, Hort. See *Myrosma kummeriana*.*M. Leonæ*, Hort.*M. musaica*, Hort.*M. Oppenheimii*, Hort.

1. The first part of the paper is devoted to a general discussion of the problem of the existence of solutions of the system of equations (1) under the conditions (2). It is shown that the system (1) has a solution if and only if the conditions (2) are satisfied. The proof is given in the Appendix.

2. In the second part of the paper the problem of the construction of the solution of the system (1) is solved. It is shown that the solution of the system (1) can be written in the form of a series in powers of the parameter ϵ . The coefficients of this series are determined by a system of equations which can be solved by the method of successive approximations. The first two terms of the series are calculated explicitly.

3. In the third part of the paper the problem of the construction of the asymptotic expansion of the solution of the system (1) is solved. It is shown that the asymptotic expansion of the solution of the system (1) can be written in the form of a series in powers of the parameter ϵ . The coefficients of this series are determined by a system of equations which can be solved by the method of successive approximations. The first two terms of the series are calculated explicitly.

4. In the fourth part of the paper the problem of the construction of the asymptotic expansion of the solution of the system (1) is solved. It is shown that the asymptotic expansion of the solution of the system (1) can be written in the form of a series in powers of the parameter ϵ . The coefficients of this series are determined by a system of equations which can be solved by the method of successive approximations. The first two terms of the series are calculated explicitly.

5. In the fifth part of the paper the problem of the construction of the asymptotic expansion of the solution of the system (1) is solved. It is shown that the asymptotic expansion of the solution of the system (1) can be written in the form of a series in powers of the parameter ϵ . The coefficients of this series are determined by a system of equations which can be solved by the method of successive approximations. The first two terms of the series are calculated explicitly.

Maranta—cont.

M. porteana, Horan. See *Stromanthe porteana*.

M. prasina, Hort. See *Calathea medio-picta*.

M. princeps, Linden. See *Calathea princeps*.

M. rosea-picta, Hort. See *Calathea rosea-picta*.

M. sagoreana, Hort.

M. sanderiana. See *Calathea sanderiana*.

M. Seemanni, Hort. Hab.—? Gard. Chron. 1872, 323, fig.

M. smaragdina, Linden. See *Calathea smaragdina*.

Musa, L.

M. aurantiaca, Mann. Assam.

M. Basjoo, Sieb. & Zucc. Japan. Bot. Mag. t. 7182.

M. Cavendishii, Lam. China. Paxt. Mag. iii. 51.

M. Champa, Hort. See *sapientum*.

M. cinerea, Hort. See *sapientum*.

M. coccinea, Andr. China. Bot. Mag. t. 1559.

M. Dacca, Horan. See *sapientum*.

M. discolor, Horan. New Caledonia.

M. Ensete, Gmel. Abyssinia. Bot. Mag. t. 5223-4.

M. Fehi, Vieill. New Caledonia.

M. Hillii, F. Muell. Queensland. Bot. Mag. t. 7401.

M. kewensis, Hort. Garden hybrid (*Mannii* × *rosacea*).

M. Lacatan. See *sapientum*.

M. livingstoneana, Kirk. E. Trop. Africa.

M. Mannii, Wendl. Assam. Bot. Mag. t. 7311.

M. martabanica, Hort. See *sapientum*.

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Musa—*cont.*

M. Martinii, *Hort.* Rev. Hort. Belg., 1892, 109, fig. 12.

M. ornata, *Roxb.* See *rosacea*.

M. paradisiaca, *L.* See *sapientum*.

M. rosacea, *Jacq.* Himalaya. Bot. Reg. t. 706.

M. rosea, *Baker.* India.

M. rubra, *Wall.* India. Bot. Mag. t. 7541.

M. sapientum, *L.*

Var. **Champa**.

Var. **Dacca**.

Var. **martabanica**.

Var. **oleracea**.

Var. **paradisiaca**. ("Plantain.")

Var. **regia**. ("*Pisang Radji*.")

Var. **rubra**. ("*Ram-Kela*.")

Var. **vittata**.

Var. **seminifera**.

M. seminifera, *Lour.* See *sapientum*.

M. sumatrana, *Becc.* Sumatra. Ill. Hort. n.s.t. 375.

M. superba, *Roxb.* Bombay. Bot. Mag. t. 3849-50.

M. textilis, *Nees.* Philippines.

M. violascens, *Ridley.* Malaya.

M. zebrina, *Van Houtte.* Java.

Myrosma, *L.*

M. Gladioli (*Hort.*) Trop. America.

M. hemisphaerica, *Hort.* Trop. America.

M. kummeriana (*E. Morren*). Trop. America. Fl. Bras. iii. pt. 3, t. 44.

1. The first part of the paper is devoted to a generalization of the results of [1] and [2] to the case of a general linear transformation of the plane.

2. The second part is devoted to the case of a general linear transformation of the plane.

3. The third part is devoted to the case of a general linear transformation of the plane.

4. The fourth part is devoted to the case of a general linear transformation of the plane.

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6. The fifth part is devoted to the case of a general linear transformation of the plane.

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9. The eighth part is devoted to the case of a general linear transformation of the plane.

Myrosma—*cont.*

M. Lubbersii, *Hort.* Trop. America.

M. nana, *Baker.* Trop. America.

M. setosa, *Benth.* Brazil.

Nicolaia, *Horan.* See *Amomum*.

N. imperialis, *Horan.* See *Amomum magnificum*.

Orchidantha, *N. E. Br.* See *Lowia*.

Phrynium, *Willd.*

P. capitatum, *Willd.* India and Malaya. *Wight Ic.*,
t. 2016.

P. Daniellii, *Benn.* See *Thaumatococcus Daniellii*.

P. Griffithii, *Baker.* Malacca.

P. Lubbersii, *Hort.* See *Myrosma Lubbersii*.

P. variegatum, *N. E. Br.* See *Maranta arundinacea*.

Protamomum, *Ridley.* See *Lowia*.

Ravenala, *Adans.*

R. guianensis, *Benth.* S. America. *Mart. Fl. Bras. iii.*,
pt. 3. t. 1.

R. madagascariensis, *Sonner.* Madagascar. *Flore des*
Serres, t. 1355.

Reinealmia, *L.*

R. africana, *Benth.* Trop. Africa. *Ic. Pl. t.* 1430.

R. bracteosa, *Griseb.* W. Indies.

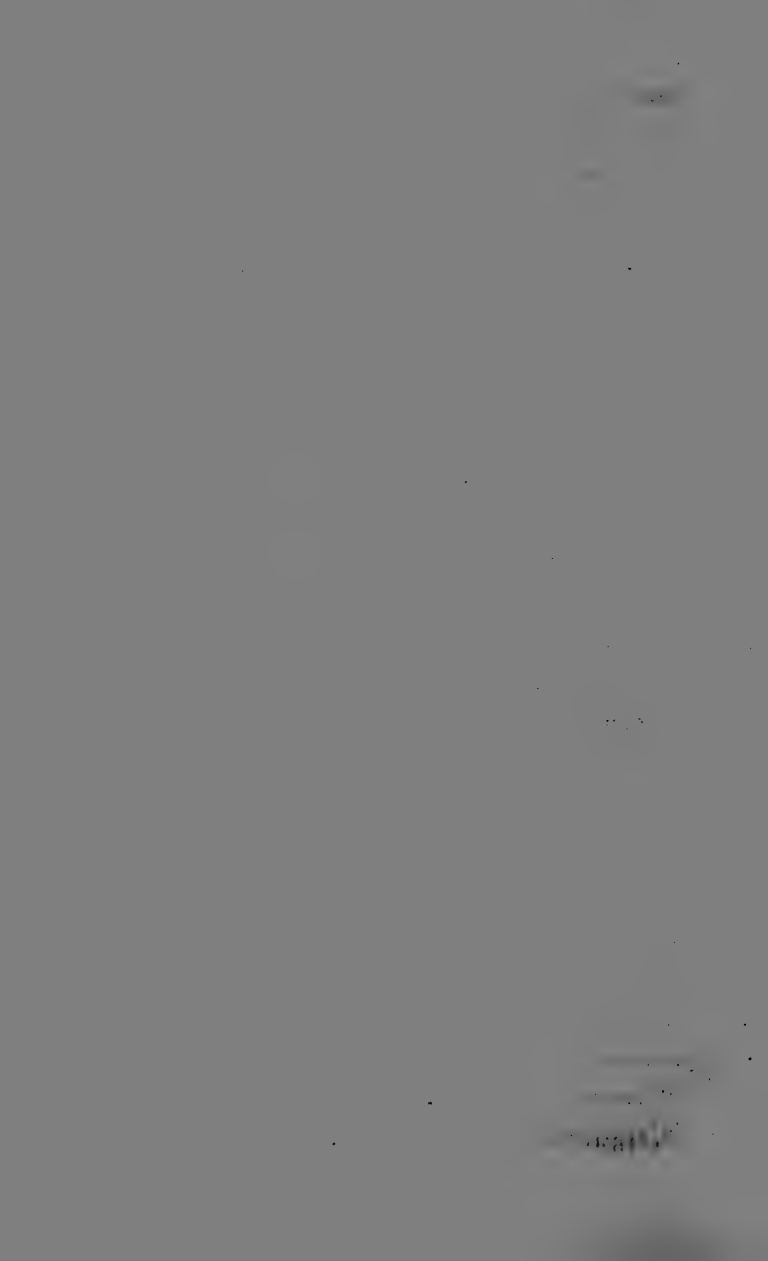
R. calcarata, *Andr.* See *Alpinia calcarata*.

R. racemosa, *A. Rich.* Trop. America.

Rhynchanthus, *Hook, f.*

R. longiflorus, *Hook. f.* Burma. *Bot. Mag. t.* 6861.

R. sagittifolius, *Rolfe.* Burma.



Roscoea, Smith.

R. elatior, Smith. See *Cautleya lutea*.

R. gracilis, Smith. See *Cautleya lutea*.

R. lutea, Royle. See *Cautleya lutea*.

R. purpurea, Smith. India. Bot. Mag. t. 4630.

R. sikkimensis, Hort. See *purpurea*.

R. spicata, Smith. See *Cautleya spicata*.

Strelitzia, Ait.

S. augusta, Thunb. S. Africa. Bot. Mag. t. 4166.

S. farinosa, Ait. See *Reginae*.

S. juncea, Link. See *parvifolia*.

S. Nicolai, Regel. S. Africa. Bot. Mag. t. 7038.

S. ovata, Ait. See *Reginae*.

S. parvifolia, Ait. S. Africa. Bauer, Strelitz. t. 11.

Var. *juncea*. Bot. Reg. t. 516.

S. Reginae, Ait. S. Africa. Bauer Strelitz. t. 6-9.

Var. *citrina*.

Var. *farinosa*.

Var. *ovata*. Bot. Mag. t. 119-20.

Stromanthe, Sond.

S. lutea, Eichler. Venezuela.

S. portearia, A. Gris. Brazil. Fl. Bras. iii. pt. 3, t. 42.

S. sanguinea, Sond. Brazil. Lem. Jard. Fl. 1854, t. 401.

S. spectabilis, Lem. See *sanguinea*.

Thalia, L.

T. dealbata, Fras. N. America and Africa. Bot. Mag. t. 1690.

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Thaumatococcus, Benth.

T. Danielli, Benth. W. Trop. Africa.

Trachyphrynium,

T. dannelmannianum, J. Braun and Schumann.
W. Trop. Africa.

Urania, Schreb. See *Ravenala*.

U. speciosa, Willd. See *Ravenala madagascariensis*.

Zingiber, Adans.

Z. Casumunar, Roxb. India and Malaya. Bot. Mag.
t. 1426.

Z. chrysanthum, Rosc. Himalaya. Rosc. Scit. t. 86.

Z. Griffithii, Baker. Malacca.

Z. officinale, Rosc. Trop. Asia. Rosc. Scit. t. 83.

Z. spectabile, Griff. Malacca.

Z. wightianum, Thw. S. India.

Z. Zerumbet, Smith. India and Malaya. Rosc. Scit.
t. 84.

Var. *variegata*.

Bromeliaceae.**Acanthostachys, Klotzsch.**

A. strobilacea, Link. Brazil.

Æchmea, Ruiz & Pav.

Æ. aurantiaca, Baker. Brazil.

Æ. aquilega, Griseb. W. Indies and Guiana.

Æ. aureo-rosea, Baker. Brazil.

Æ. Barleei, Baker. Brit. Honduras.

Æchmea—*cont.*

Æ. bracteata, *Griseb.* W. Indies.

Var. *pendula*, *Hort.*

Æ. brasiliensis, *Regel.* Brazil. *Gartenfl.* 1885, t. 1202.

Æ. bromeliaefolia, *Baker.* Trop. America. *Bot. Reg.* t. 766.

Æ. calyculata, *Baker.* Brazil. *Ref. Bot.* t. 286.

Æ. candida, *E. Morr.* Brazil.

Æ. coelestis, *E. Morr.* Brazil. *Ref. Bot.* t. 284.

Æ. coerulea, *E. Morr.* *See coerulescens.*

Æ. coerulescens, *Baker.* Mexico. *Gartenfl.* t. 694.

Æ. (*Canistrum*) *cyathiformis*, (*Vell.*) Brazil.

Æ. dealbata, *E. Morr.* Brazil.

Æ. discolor, *Hook.* *See fulgens.*

Æ. distichantha, *Lem.* Paraguay. *Bot. Mag.* t. 5447.

Æ. drakeana, *Andrè.* Ecuador.

Æ. fasciata, *Baker.* Brazil. *Bot. Reg.* t. 1130.

Var. *micrantha.*

Æ. flexuosa, *Baker.* *See spectabilis.*

Æ. floribunda, *Mart.* Brazil.

Æ. fulgens, *Brong.* French Guiana.

Var. *discolor*, *Brong.* *Bot. Mag.* t. 4293.

Æ. gigantea, *Baker.* Trop. America.

Æ. Glaziovii, *Baker.* Brazil. *Belg. Hort.* 1881, 271, t. 13.

Æ. glomerata, *Hook.* Brazil. *Bot. Mag.* t. 5668.

Æ. Jenmani, *Baker.* *See Melinonii.*

Æ. legrelliana, *Baker.* *See Ortgiesia legrelliana.*

Æ. Leopoldii, *Hort.* *See fasciata.*

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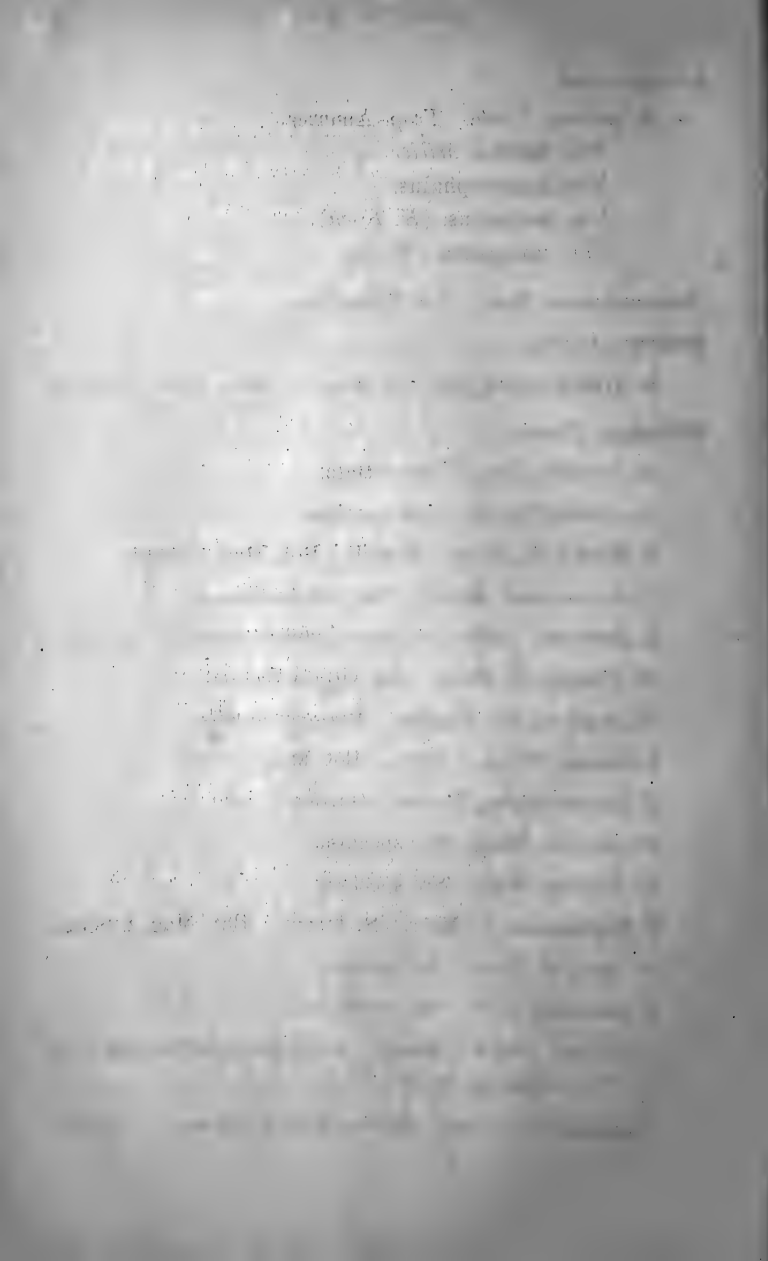
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Æchmea—*cont.*

- Æ. Lindeni*, *K. Koch.* Brazil. Bot. Mag. t. 6565.
Æ. lineata, (*Hoplophytum lineatum*, Bull). Brazil.
Æ. luddemanniana, Brong. See *coerulescens*.
Æ. macracantha, Brong. See *schiedeana*.
Æ. Mariae-Reginae, *Wendl.* Costa Rica.
Æ. mexicana, *Baker.* Mexico.
Æ. odora, *Baker.* W. Indies and Guiana.
Æ. paniculata, *Ruiz & Pav.* Peru.
Æ. paniculigera, *Griseb.* Trop. America.
Æ. pectinata, *Baker.* Brazil.
Æ. pineliana, *Baker.* Brazil. Bot. Mag. t. 5321.
Æ. (Hoplophytum) Platzmanni, *E. Morr.* See *floribunda*.
Æ. pulchella, *Morren.* See *Glaziovii*.
Æ. robusta, *Hort. Morren.* South America.
Æ. rosea, *Baker.* Brazil. Belg. Hort. 1883, 195, t. 14.
Æ. schiedeana, *Schlecht.* Mexico.
Æ. Skinneri, *Baker.* Guatemala. Ic. Pl. 1851.
Æ. Sallieri, *Hort.*
Æ. Veitchii, *Baker.* Colombia. Bot. Mag. t. 6329.
Æ. Weibachii, *Dietr.* Brazil. Bot. Mag. t. 6435.

Ananas, *Adans.*

- A. bracteatus*, *Lindl.* Brazil. Bot. Mag. t. 5025.
A. Mordilona, *Hort. Lind.* See *sativus* var. *lucidus*.
A. microcarpus, *Hort. Lind.* See *sativus* var. *microcephalus*.



Ananas—cont.

A. sativus, *Lindl.* Trop. America.

Var. *lucidus*, *Miller*.

Var. *microcephalus*.

Var. *porteanus*, (*K. Koch*).

Var. *variegatus*, (*Bojer*).

Anoplophytum, *Beer*. See *Tillandsia*.

Bakeria, *André*.

B. tillandsioides, *André*. Brazil? Rev. Hort. 1889, 84.

Billbergia, *Thunb.*

B. amabilis, *Beer*. See *vittata*.

B. amoena, *Lindl.* See *speciosa*.

B. Bakeri, *E. Morr.* Brazil. Bot. Mag. t. 6342

B. breauteana, *André*. See *vittato-Bakeri*.

B. Bruantii, *André*. Garden hybrid (*decora* × *speciosa*).

B. Cappei, *E. Morr.* See *vittato-Bakeri*.

B. croyiana, *De Jonghe*. See *pyramidalis*.

B. decora, *Poepp.* Peru. Bot. Mag. t. 6937.

B. decoro-nutans, *Baker*. Garden hybrid.

B. discolor, *Beer*. See *speciosa*.

B. elegans, *Mart.* See *speciosa*.

B. Euphemiae, *E. Morr.* S. Brazil. Bot. Mag. t. 6632.

B. farinosa, *Hort.* See *zebrina*.

B. fastuosa, *Beer*. See *thyrsoides*.

B. horrida, *Regel.* Brazil. Belg. Hort. 1876, 336, t. 22.

Var. *superba*, *Hort.*

B. intermedia, *Hort.* Garden hybrid (*nutans* × *vittata*).



Billbergia—*cont.*

B. iridifolia, *Lindl.* Brazil. Bot. Reg. t. 1068.

B. liboniana, *De Jonghe.* Brazil. Bot. Mag. t. 5090.

B. Lietzei, *E. Morr.* Brazil. Belg. Hort. 1881, 97, t. 5.

B. marmorata, *Lem.* Brazil. Ill. Hort. t. 48.

B. moreliana, *Lindl.* See *vittata*.

B. Moreli, *Brong.* Brazil. Bot. Mag. t. 4835.

B. morreniana, *Baker.* Brazil.

B. nutans, *Wendl.* Brazil. Bot. Mag. t. 6423.

B. olens, *Hook.* See *Karatas Carolinae*.

B. pallescens, *K. Koch.* See *speciosa*.

B. pallescens, *Baker.* See *Bakeri*.

B. pallidiflora, *Liebm.* Nicaragua.

B. porteanae, *Brong.* Brazil. Bot. Mag. t. 6670.

B. pyramidalis, *Lindl.* Brazil. Bot. Mag. t. 1732.

Var. *bicolor*, *Lindl.* Bot. Reg. 1181.

Var. *croyiana*, (*De Jonghe.*)

Var. *farinosa*, (*K. Koch.*)

B. Rancougnei, *Hort.* Garden hybrid.

B. rhodocyanea, *Lem.* See *fasciata*.

B. rhodocyanea, *Hort.* See *thyrsoides*.

B. rosea, *Beer.* Brazil.

B. sanderiana, *E. Morr.* Brazil. Belg. Hort. 1884, t. 1.

B. Saundersii, *E. Morr.* Brazil. Belg. Hort. 1878, t. 1.

B. speciosa, *Thunb.* Brazil. Bot. Reg. t. 344.

Var. *pallescens*, (*K. Koch.*)

B. splendida, *Lem.* See *thyrsoides*.

Billbergia—*cont.*

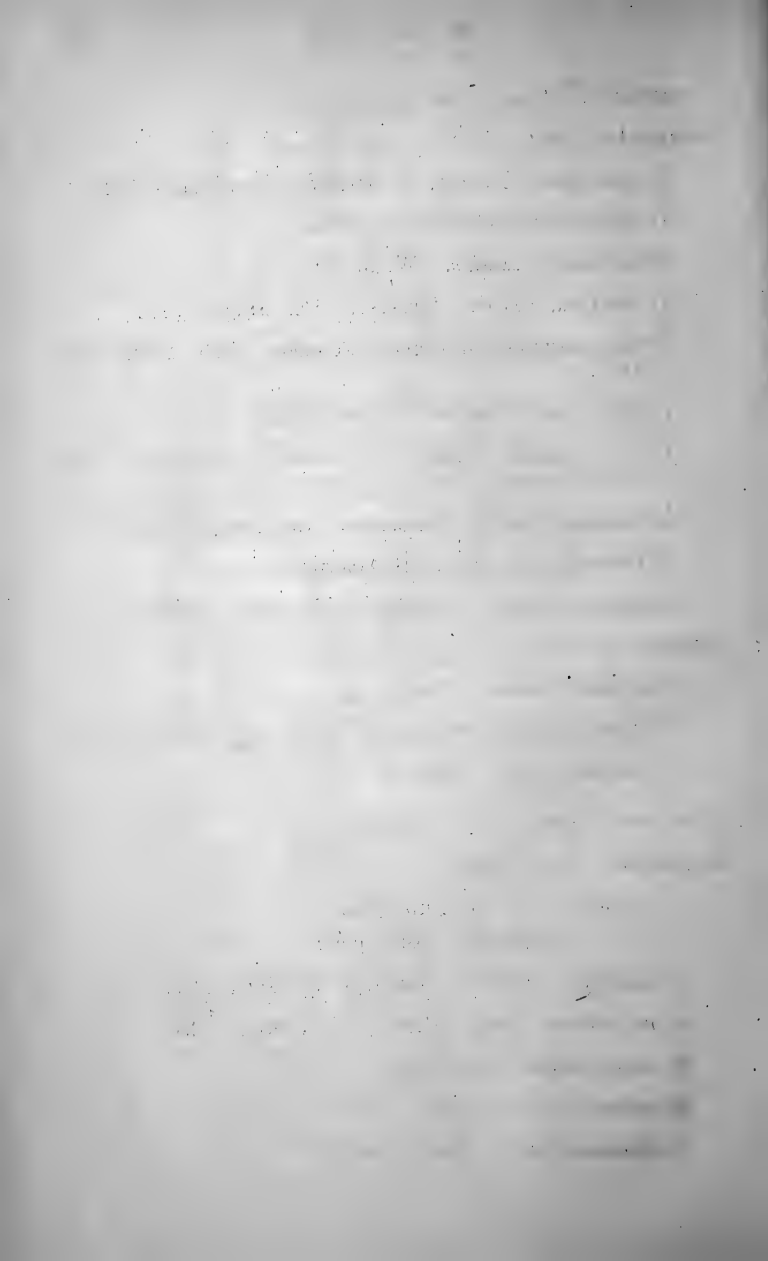
- B. thyrsoidea*, *Mart.* Brazil. Bot. Mag. t. 4756.
 Var. *longifolia*, (*K. Koch & Bouché.*)
 Var. *splendida*, (*Lemaire.*)
- B. vittata*, *Brong.* Brazil. Belg. Hort. 1871, 193, t. 14.
 Var. *macracantha*, *Hort.*
- B. vexillaria*, *André.* Garden hybrid. (*thyrsoidea* × *moreliana.*)
- B. vittato-Bakeri*, *Hort.* Garden hybrid.
- B. vittato-nutans*, *Hort.* Garden hybrid.
- B. Wetherelli*, *Hook.* See *Moreli.*
- B. Windi*, *Hort.* See *vittato-nutans.*
- B. wittmackiana.* Garden hybrid. (*amoena* × *vittata.*)
- B. zebrina*, *Lindl.* Brazil. Bot. Mag. t. 2686.

Brocchinia, *Schultes*, f.

- B. cordylinoides*, *Baker.* Brit. Guiana. Gard. Chron. 1880, ii. 243, fig. 47.

Bromelia, *L.*

- B. antiacantha*, *Bert.* See *fastuosa.*
- B. argentina*, *Baker.* Brazil. Ic. Pl. 2258.
- B. Binoti*, *Hort.* See *Pinguin.*
- B. commelyniana*, *De Vriese.* See *fastuosa.*
- B. fastuosa*, *Lindl.* Brazil. Gartenfl. t. 493.
- B. Karatas*, *L.* See *Karatas Plumieri.*
- B. Pinguin*, *L.* Trop. America. Red. Lil. t. 396.
- B. scarlatina*, *E. Morr.* See *Distiacanthus scarlatinus.*
- B. Sceptrum*, *Fenzl.* See *fastuosa.*
- B. sylvestris*, *Willd.* Trop. America.



Canistrum, E. Morr. See *Aechmea*.

Caraguata, Lindl.

C. andreana, E. Morr. Colombia. Bot. Mag. t. 7014.

C. angustifolia, Baker. Colombia.

C. cardinalis, André. W. Indies.

C. conifera, André. Ecuador. Bot. Mag. t. 7359.

C. devansayana, E. Morr. Ecuador. Belg. Hort. 1882, 113, t. 8.

C. Melinonis, E. Morr. French Guiana.

C. morreniana, André. Colombia. Rev. Hort. 1887, 12, with fig.

C. musaica, André. Colombia. Bot. Mag. t. 6675.

C. Peacockii, E. Morr. S. America.

C. Zahnii, Hook. f. Chiriqui. Bot. Mag. t. 6059.

Catopsis, Griseb.

C. aloides, Baker. Mexico.

C. nitida, Baker. W. Indies. Hook. Exot. Flora, t. 218.

C. pendula, Baker. Mexico.

Chevalieria, Gaud. See *Aechmea*.

Cryptanthus, Otto & Dietr.

C. acaulis, Beer. See *undulatus*.

Var. *argenteus*. See *discolor*.

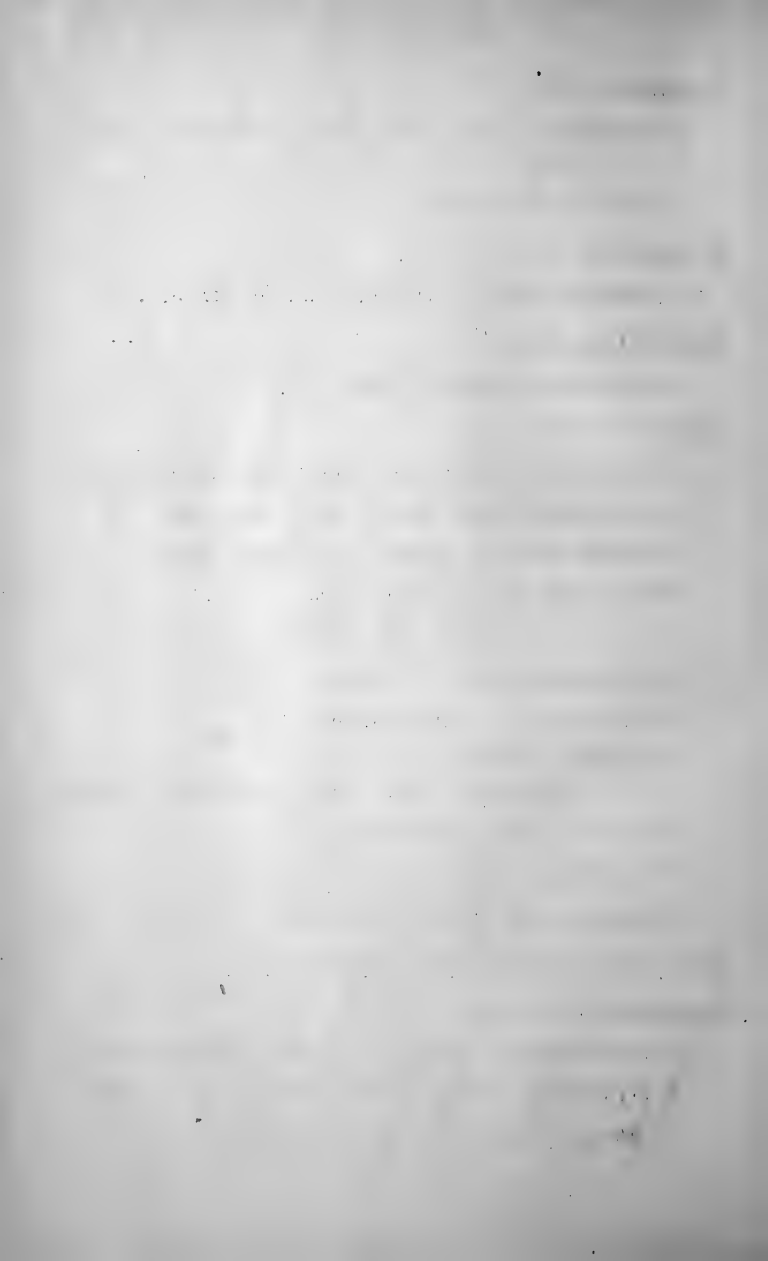
C. Beuckeri, E. Morr. Brazil. Belg. Hort. 1881, 342, t. 1.

C. bivittatus, Regel. Brazil. Bot. Mag. t. 5270.

C. bromelioides, Otto & Dietr. Brazil.

C. discolor, Otto & Dietr. Brazil.

C. Mocnsii, Hort. See *bivittatus*.



Cryptanthus—*cont.*

C. undulatus, *Otto & Dietr.* Brazil. Bot. Reg. t. 1197.

Var. *ruber*.

C. zonatus, *Beer.* Brazil.

Disteganthus, *Lem.*

D. basilateralis, *Lem.* Guiana. Fl. des Serres, t. 227.

Distiacanthus, *Hort.*

D. scarlatinus, *Linden.* Brazil.

Dyckia, *Schultes.*

D. altissima, *Lindl.* Brazil. Lem. Jard. Fleur. t. 224.

D. brevifolia, *Baker.* Brazil. Ref. Bot. t. 236.

D. frigida, *Hook. f.* Brazil. Bot. Mag. t. 6294.

D. floribunda, *Griseb.* Argentina.

D. gigantea, *K. Koch.* See *altissima*.

D. leptostachya, *Baker.* Paràna.

D. princeps, *Lem.* See *altissima*.

D. rariflora, *Schultes.* Brazil.

Var. *remotiflora* (*Otto & Dietr.*). Bot. Mag. t. 3349.

D. regalis, *Linden.* See *frigida*.

D. remotiflora, *Otto & Dietr.* See *rariflora*.

D. sulphurea, *K. Koch.* Montevideo.

Echinostachys, *Brong.* See *Aechmea*.

Guzmania, *Ruiz. & Pav.*

G. devansayana, *E. Morr.* See *Caraguata devansayana*, t. 8.

G. erythrolepis, *Brong.* Cuba. Fl. des Serres, t. 1089.

G. Melinoki, *Regel.* See *Caraguata Melincnis*.

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Guzmannia—*cont.*

G. Melinonis, E. Morr. See Caraguata Melinonis.

G. Sallieri, Hort. See Aechmea cyathiformis.

G. tricolor, Ruiz & Pav. W. Indies and S. America.
Hook. Exot. Flora. t. 163.

Hechtia, Klotzsch.

H. argentea, Baker. Mexico. Bot. Mag. t. 7460.

H. cordylinoides, Baker. See stenopetala.

H. Ghiesbreghtii, Lem. See glomerata.

H. glomerata, Zucc. Mexico. Bot. Mag. t. 5842.

H. longifolia, Hort. See Bromelia fastuosa.

H. stenopetala, Klotzsch. Mexico. Bot. Mag. t. 6554.

Hohenbergia, Schultes, f. See Aechmea.

Hoplophytum, Beer. See Aechmea.

Karatas, Adans.

K. acanthocrater, Baker. Brazil. Bot. Mag. t. 6904.

K. agavaefolia, Devans. Guiana.

K. amazonica, Baker. Brazil.

K. Carolinae, Antoine. Brazil. Bot. Mag. t. 5502.

K. coriacea, Antoine. Brazil.

K. cruenta, Baker. Brazil. Bot. Mag. t. 2892.

K. fulgens, Antoine. Brazil. Lem. Jard. Fleur. t. 411.

K. humilis, E. Morr. Mexico and Colombia. Rev.
Hort. 1878, 190, fig. 35.

K. Innocentii, Antoine. Brazil. Lem. Jard. Fleur. t. 329.

Var. *striata*, Hort.

K. marmorata, Baker. Brazil?

Karatas—*cont.*

K. Meyendorffii, Antoine. *See* princeps.

K. neglecta Baker. Brazil.

K. paxiana, (Mez.) Brazil.

K. Plumieri, E. Morr. Trop. America. Jacq. Amer. Pict. t. 260.

K. princeps, Baker. Brazil. Antoine. Brom. 54, t. 32.

K. purpurea, Antoine. Brazil. Antoine. Brom. 42. t. 25.

K. rutilans, Baker. Brazil.

K. Scheremetiewii, Antoine. Brazil. Gartenfl. t. 224.

K. spetabilis, Antoine. . Brazil. Bot. Mag. t. 6024.

K. tristis, Baker. Brazil.

Lamprococcus, Beer. *See* Aechmea.

Macrochordium, De Vriese. *See* Aechmea.

Massangea, E. Morr. *See* Caraguata.

Melinonia, Brong. *See* Pitcairnia.

Neumannia, Brong. *See* Pitcairnia.

Nidularium, Lem. *See* Karatas.

Ortgiesia, Regel.

O. tillandsioides, Regel. Brazil and Uruguay. Gartenfl, 1867, 193, t. 547.

Pepinia, Brong. *See* Pitcairnia.

Pitcairnia, L'Herit.

P. albiflos, Herb. Brazil. Bot. Mag. t. 2642.

P. albucaefolia, Schrad. W. Indies.

P. alta, Hassk. W. Indies. Bot. Mag. t. 6606.

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Pitcairnia—*cont.*

- P. Altensteinii*, *Lem.* Venezuela. Bot. Mag. t. 4241.
- P. andreana*, *Linden.* Venezuela and Colombia. Bot. Mag. t. 6480.
- P. angustifolia*, *Ait.* W. Indies. Bot. Mag. t. 1547.
- P. aphelandraeflora*, *Verschaff.* Brazil. Ill. Hort. 17. (1870) t. 5.
- P. arcuata*, *André.* Colombia. Rev. Hort. 1886, 108, fig. 23.
- P. australis*, *K. Koch.* See *Morelii*.
- P. bracteata*, *Dryand.* W. Indies. Bot. Mag. t. 2813.
- P. bromeliaefolia*, *L'Herit.* W. Indies. Bot. Mag. t. 834.
Var. *acuminata*.
- P. cernua*, *K. Koch.* See *heterophylla*.
- P. cinnabarina*, *Dietr.* Brazil.
- P. corallina*, *André.* Colombia. Bot. Mag. t. 6600.
- P. corcovadensis*, *Wawra.* Brazil.
- P. darblayana*, *Hort.* Garden hybrid.
- P. Decaisnei*, *K. Koch.* See *fulgens*.
- P. echinata*, *Hook.* Colombia. Bot. Mag. t. 4709.
- P. elata*, *Liebm.* Mexico.
- P. excelsa*, *E. Morr.* See *pulverulenta*.
- P. exscapa*, *Liebm.* See *heterophylla*.
- P. ferruginea*, *Ruiz & Pav.* Peru. Bot. Mag. t. 5324.
- P. flammea*, *Lindl.* Brazil. Bot. Reg. t. 1092.
- P. flavescens*, *Baker.* See *xanthocalyx*.
- P. floccosa*, *Regel.* Venezuela.

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3. 1882

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16. 1895

17. 1896

18. 1897

19. 1898

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21. 1900

22. 1901

23. 1902

24. 1903

Pitcairnia—*cont.*

- P. fulgens*, *Decsne.* Guadeloupe.
- P. funckeana*, *Dietr.* S. America. Bot. Mag. t. 4705.
- P. furfuracea*, *Beer.* See *latifolia*.
- P. heterophylla*, *Beer.* Mexico. Bot. Mag. t. 4591.
- P. imbricata*, *Baker.* Mexico.
- P. karwinskiana*, *Schultes.* Mexico. Gartenfl. t. 53.
- P. Klabochorum*, *Hort.* See *pulverulenta*.
- P. latifolia*, *Soland.* W. Indies and Brazil. Bot. Mag. t. 856.
- P. Lehmanni*, *Baker.* S. America.
- P. lepidota*, *Regel.* See *andreana*.
- P. longifolia*, *Hook.* See *pulverulenta*.
- P. macrocalyx*, *Hook.* See *funckiana*.
- P. maidifolia*, *Decsne.* S. America. Bot. Mag. t. 6635.
- P. Maroni*, *Hort.* Garden hybrid. (corallina \times *Altensteinii*.)
- P. moritziana*, *K. Koch.* Venezuela.
- P. Morrenii*, *Lem.* See *heterophylla*.
- P. muscosa*, *Mart.* Brazil. Bot. Mag. t. 4770.
- P. odorata*, *Regel.* See *albiflos*.
- P. Olfersii*, *Link.* See *flammea*.
- P. paniculata*, *Ruiz & Pav.* See *pulverulenta*.
- P. Philippii*, *Baker.* Chili.
- P. pulverulenta*, *Ruiz & Pav.* Peru. Bot. Mag. t. 4775.
- P. punicea*, *Beer.* Mexico.
- P. recurvata*, *K. Koch.* Brazil?

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Pitcairnia—*cont.*

- P. ringens*, Kl. *See* karwinskiana.
- P. Roezlii*, E. Morr. Peru. Belg. Hort. xxxv. 265, t. 18.
- P. rubiginosa*, Baker. French Guiana.
- P. Skinneri*, Hort. *See* alta.
- P. spathacea*, Griseb. Argentine.
- P. staminea*, Lodd. Brazil. Bot. Mag. t. 2411.
- P. sulphurea*, André. *See* bracteata.
- P. tabulaeformis*, Linden. Mexico. Belg. Hort. 1862, 257, fig. 15.
- P. undulata*, Schwied. Brazil. Gartenfl. t. 781.
- P. undulatifolia*, Hook. *See* Altensteinii.
- P. xanthocalyx*, Mart. Brazil. Bot. Mag. t. 6318.
- P. zeifolia*, K. Koch. *See* maidifolia.

Pourretia, Ruiz & Pav. *See* Puya.

Puya, Molin.

- P. chilensis*, Molin. Chili. Bot. Mag. t. 4715.
- P. coarctata*, Fisch. *See* chilensis.
- P. coerulea*, Lindl. *See* Pitcairnia coerulea.
- P. floccosa*, Morr. *See* Pitcairnia floccosa.
- P. Gigas*, André. Colombia. Rev. Hort. 1881, 315, fig. 74.
- P. paniculata*, Philippi. *See* Pitcairnia Philippii.
- P. spathacea*, Mez. *See* Pitcairnia spathacea.
- P. tunarensis*, Mez. Bolivia.
- P. Whytei*, Hook. *See* Pitcairnea coerulea.

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Quesnelia, *Gaud.*

Q. princeps, *Hort.* See *rufa*.

Q. rosea-marginata, *Carr.* See *rufa*.

Q. rufa, *Gaud.* Brazil. Rev. Hort. 1880, 70, fig. 14.

Rhodostachys, *Philippi.*

R. andina, *Philippi.* Chili. Bot. Mag. t. 7148.

R. argentina, *Baker.* See *Bromelia argentina*.

R. bicolor, *Benth.* Chili. Belg. Hort. 1873, t. 14.

R. littoralis, *Philippi.* Chili.

R. pitcairniaefolia, *Benth.* Chili. Belg. Hort. 1876, 161, t. 10.

Tillandsia, *L.*

T. aloides, *E. Morr.* See *Catopsis aloides*.

T. aloifolia, *Hook.* See *flexuosa*.

T. amethystina, *Baker.* Brazil. Bot. Mag. t. 7121.

T. anceps, *Lodd.* Trinidad. Belg. Hort. 1879, 368, t. 20.

T. argentea, *Griseb.* Cuba.

T. Barilletii, *Baker.* Ecuador. Belg. Hort. 1883, 33, t. 3.

T. bulbosa, *Hook.* S. America.

Var. *picta*, *Hook.* Bot. Mag. t. 4288.

Var. *variegata*, *Hort.*

T. Caput-Medusae, *E. Morr.* Mexico.

T. cardinalis. Garden hybrid (*psittacina* \times *Krameri*).

T. carinata \times *psittacina.* Garden hybrid.

T. chrysostachys, *Baker.* Peru. Bot. Mag. t. 6906.

T. confertiflora, *André.* Ecuador.

Tillandsia—*cont.*

T. corallina, *K. Koch.* Brazil. *Gartenfl.* 1870, 354, t. 671.

Var. *rosea*.

T. dianthoidea, *Rossi.* Brazil. *Bot. Mag.* t. 5216.

T. distachya, *Baker.* Honduras.

T. Duchartrei, *Hort.* Garden hybrid. (*Barilletii* × *splendens*.)

T. Duratii, *Vis.* S. America.

T. duvaliana, *Baker.* Brazil. Belg. *Hort.* 1884, 105, t. 7.

T. ensiformis, *Vell.* Brazil.

T. fenestralis, *Hook.* Paràna. *Bot. Mag.* t. 6998.

T. flexuosa, *Sw.* S. America. *Hook. Exot. Flora.* t. 205.

T. gladioliflora, *Wendl.* Costa Rica. Belg. *Hort.* 1880. 87 and 216.

T. glaucophylla, *Baker.* Santa Martha. *Bot. Mag.* t. 4415.

T. Glaziovii, *E. Morr.* South Brazil.

T. guttata, *Baker.* Brazil. *Ill. Hort.* 1875, t. 200.

T. Henricii, *Hort.* Garden hybrid (*splendens* × *splendida*.)

T. heterophylla, *E. Morr.* See *virginalis*.

T. hieroglyphica, *Baker.* Brazil. *Ill. Hort.* t. 514.

T. hillegeeriana, *Hort.* See *regina*.

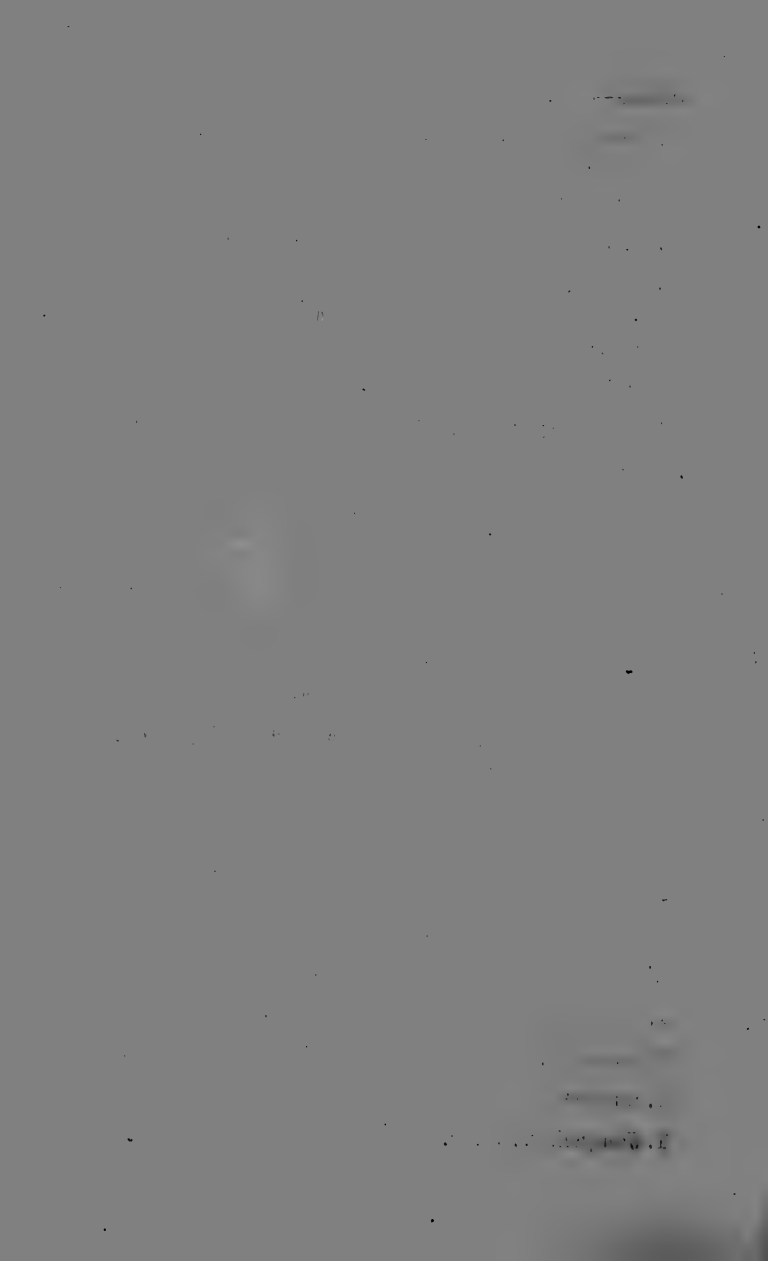
T. imperialis, *Hort.* See *regina*.

T. incarnata, *H. B. & K.* S. America.

T. ionantha, *Planch.* Mexico. *Bot. Mag.* t. 5892.

T. ixioides, *Griseb.* Paràna.

T. Jonghei, *K. Koch.* Brazil. *Bot. Mag.* t. 6945.



Tillandsia—cont.

- T. Lindeni**, *E. Morr.* Peru. Ill. Hort. t. 610.
 Var. minor, *Hort.*
- T. Malzinei**, *Baker.* Cordova. Bot. Mag. t. 6495.
- T. Mariae**, *Hort.*
- T. microxiphion**, *Baker.* Monte Video. Bot. Mag. t. 7320.
- T. Morreni**, *Baker.* Brazil.
- T. musaica*, *André.* See *Caraguata musaica.*
- T. nitida*, *Hook.* See *Catopsis nitida.*
- T. Nanoti**, *Hort.* Garden hybrid (*fulgida* × *Morreni*).
- T. (Vriesea) pastuchoffiana**, *Mez.* Brazil.
- T. picta*, *Hort.* See *splendens.*
- T. polystachya**, *L.* S. America.
- T. psittacina**, *Hook.* Brazil. Bot. Mag. t. 2841.
- T. pulchella**, *Hook.* Brazil. Bot. Mag. t. 5229.
- T. recurvifolia*, *Hook.* See *dianthoidea.*
- T. retroflexa**, *E. Morr.* Garden hybrid (*psittacina* × *scalaris*.)
- T. Rex**, *Hort.* Garden hybrid. (*Barilletii* × *cardinalis*.)
- T. rodigasiana**, *Baker.* Brazil. Ill. Hort. 1882, t. 467.
- T. Saundersii**, *K. Koch.* Brazil. Ill. Hort. 1873, t. 132.
- T. scalaris**, *Baker.* Brazil. Belg. Hort. 1880, 309, t. 15.
- T. (Vriesea) speciosa*, *Hook.* See *splendens.*
- T. splendens**, *Brong.* Guiana. Bot. Mag. t. 4382.
- T. splendida**, *Hort.* Garden hybrid (*duvaliana* × *incurvata*).
- T. streptophylla**, *Sch.* Cent. America. Bot. Mag. t. 6757.

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Tillandsia—*cont.*

T. stricta, *Soland.* S. America. Bot. Mag. t. 1529.

T. tessellata, *Linden and André.* Brazil. Ill. Hort. 1874, 123, t. 179.

T. tricolor, *Cham.* See *punctulata*.

T. usneoides, *L.* Trop. America. Bot. Mag. t. 6309.

T. viminalis, *Hemsl.* Costa Rica. Belg. Hort. 1878, 257, t. 14.

T. virginalis, *E. Morr.* Mexico.

T. xiphioides, *Ker.* S. America. Bot. Mag. t. 5562.

T. xiphostachys, *Griseb.* Mexico. Bot. Mag. t. 5287.

T. zebrina, *Hort.* See *splendens*.

Vriesea, *Ldl.* See *Tillandsia*.

Haemodoraceae.**Anigozanthos**, *Labill.*

A. bicolor, *Endl.* Australia.

A. flavida, *D.C.* Australia. Red. Lil. t. 176.

A. Manglesii, *Don.* Australia.

A. pulcherrima, *Hook.* Australia. Bot. Mag. t. 4180.

A. rufa, *Labill.* Australia. Bot. Mag. t. 4507.

A. tyrianthina, *Hook.* See *rufa*.

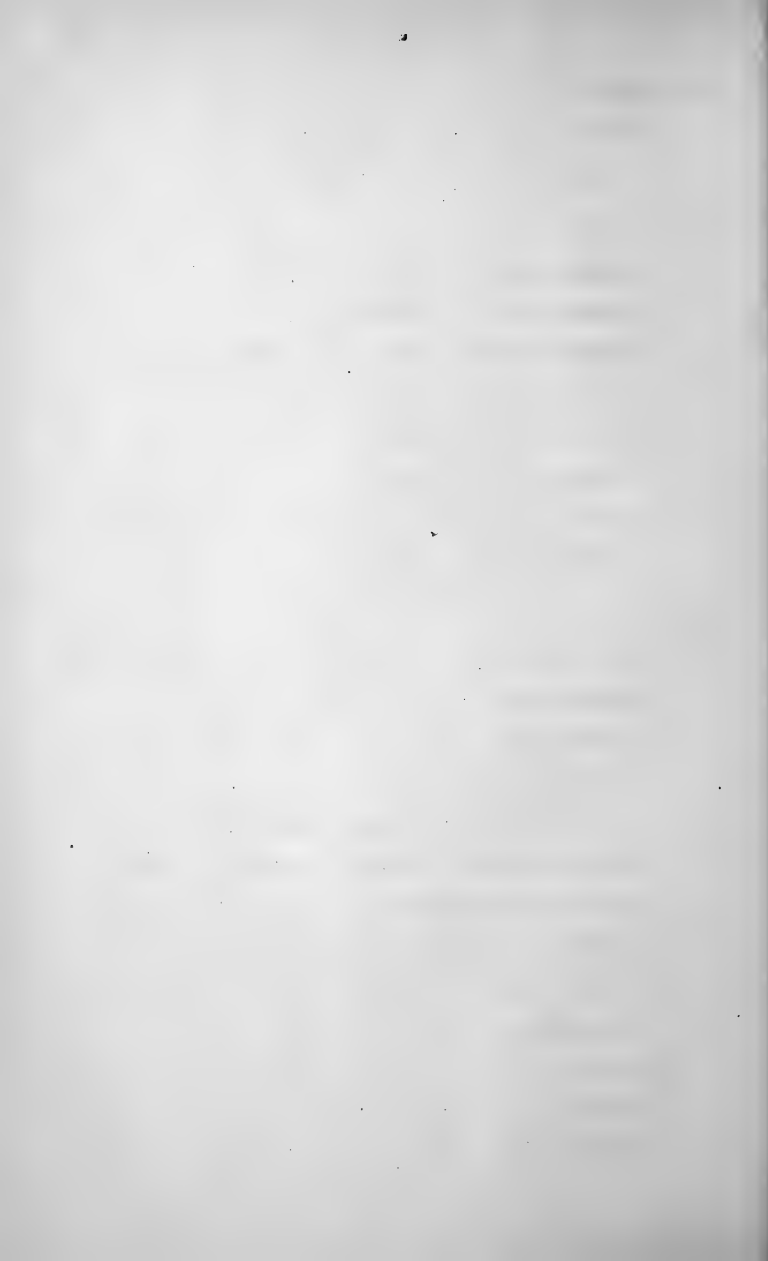
Cyanastrum, *Oliver.*

C. cordifolium, *Oliver.* W. Trop. Africa.

Cyanella, *L.*

C. capensis, *L.* S. Africa. Bot. Mag. t. 568.

C. coerulea, *Eckl.* See *capensis*.



Cyanella—*cont.*

C. lutea, *L.* S. Africa. Bot. Mag. t. 1252.

C. odoratissima, *Lindl.* See *lutea*.

Peliosanthes, *Andr.*

P. albida, *Baker.* Penang. Bot. Mag. t. 7110.

P. Bakeri, *Hook. f.* Himalaya.

P. humilis, *Andr.* Penang. Bot. Mag. t. 1532.

P. javanica, *Hassk.* Java.

P. lurida, *Ridl.* Penang.

P. stellata, *Ridl.* Penang.

P. Teta, *Andr.* India. Bot. Mag. t. 1302.

P. violacea, *Wall.* India.

Sansevieria, *Thunb.*

S. cylindrica, *Bojer.* Trop. Africa. Bot. Mag. t. 5093.

S. Ehrenbergii, *Schweinf.* Trop. Africa.

S. grandicuspis, *Haw.* Trop. Africa ?

S. guineensis, *Willd.* Trop. Africa.

S. javanica, *Hort.* See *guineensis*.

S. Kirkii, *Baker.* Zanzibar. Bot. Mag. t. 7357.

S. roxburghiana, *Schultes.* India. Bot. Mag. t. 7487.

S. subspicata, *Baker.* S. Africa.

S. sulcata, *Bojer.* Trop. Africa.

S. thyrsiflora, *Thunb.* S. Africa.

S. zebrina, *Hort.* See *guineensis*.

S. zeylanica, *Willd.* Tropics of Africa and Asia. Bot. Reg. t. 160.

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Wachendorfia, L.

W. paniculata, L. S. Africa. Bot. Mag. t. 616.

W. thyrsoiflora, L. S. Africa. Bot. Mag. t. 1060.

Irideae.

Acidanthera, Hochst.

A. bicolor, Hochst. Abyssinia and Zambesi.

A. aequinoctialis, Baker. Sierra Leone. Bot. Mag. t. 7393.

Anomatheca, Ker. See *Lapeyrouisia*.

Antholyza, L.

A. æthiopica, L. S. Africa. Bot. Mag. t. 561.

Var. *bicolor (Gasp).* Bot. Reg. t. 1159.

Var. *minor, Lindl.* See *bicolor*.

A. caffra, Ker. S. Africa. Sweet Brit. Fl. Gard. ii., t. 84.

A. Cunonia, L. S. Africa. Red Lil. t. 12.

A. fulgens, Andr. See *Watsonia angusta*.

A. Merianella, L. S. Africa.

A. paniculata, Klatt. S. Africa.

A. revoluta, Burm. S. Africa. Bot. Mag. t. 450.

A. Schweinfurthii, Baker. Abyssinia.

Aristea, Soland.

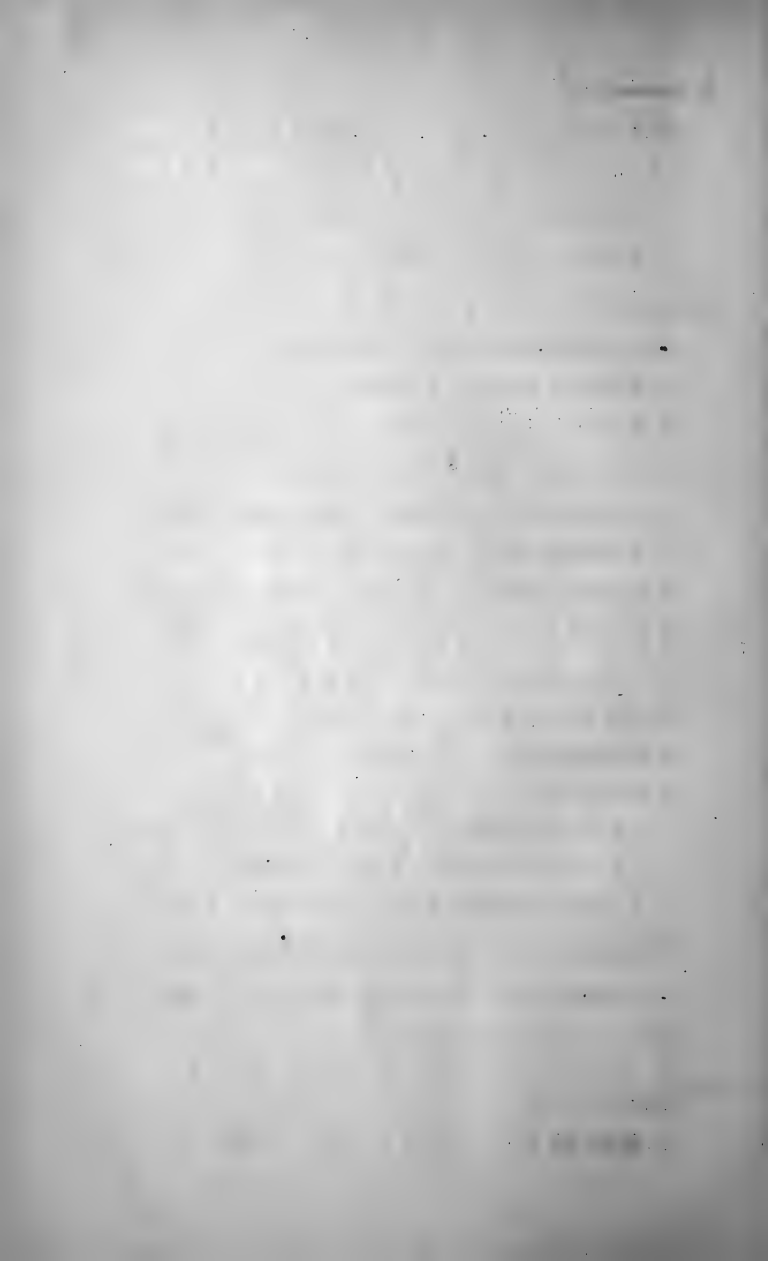
A. capitata, Ker. S. Africa.

A. corymbosa, Benth. S. Africa. Bot. Mag. t. 895.

A. cyanea, Soland. S. Africa. Bot. Mag. t. 458.

A. dichotoma, Ker. S. Africa.

A. Eckloni, Baker. S. Africa.



Aristea—cont.

A. intermedia, Echl. *See* *dichotoma*.

A. major, Andr. *See* *capitata*.

A. platycaulis, Baker. S. Africa.

A. pusilla, Ker. S. Africa.

Babiana, Ker.

B. angustifolia, Sweet. *See* *stricta*.

B. Bainesii, Baker. S. Africa.

B. disticha, Ker. S. Africa. Bot. Mag. t. 626.

B. macrantha, Mac Owan. S. Africa.

B. plicata, Ker. S. Africa. Bot. Mag. t. 576.

B. purpurea, Ker. *See* *stricta*.

B. pygmaea, Baker. S. Africa. Bot. Rep. t. 137.

B. ringens, Ker. S. Africa. Bot. Mag. t. 6667.

B. rubro-cærulea, Reichb. *See* *stricta*.

B. rubro-cyanea, Ker. *See* *stricta*.

B. spathacea, Ker. S. Africa.

B. stricta, Ker. S. Africa. Bot. Mag. t. 621.

Var. *angustifolia* (Sweet). Bot. Mag. t. 637.

Var. *rubro-cyanea* (Ker). Bot. Mag. t. 410.

Var. *sulphurea*, (Ker). Bot. Mag. t. 1053.

B. tubata, Sweet. S. Africa. Bot. Mag. t. 680.

B. tubiflora, Ker. S. Africa. Bot. Mag. tt. 847, 1019.

B. villosa, Ker. *See* *stricta*.

Belamcanda, Adans.

B. chinensis, DC. China and Japan. Bot. Mag. t. 171.

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Bobartia, Ker.

B. aphylla, Ker. S. Africa.

Crocosmia, Planch.

C. aurea, Planch. S. Africa. Bot. Mag. t. 4335.

Var. *imperialis*, Leichtlin.

Var. *maculata*, Baker.

Cypella, Herb.

C. cœrulea, Seub. See *Marica cœrulea*.

C. gracilis, Klatt. See *Marica gracilis*.

C. Herbertii, Herb. S. America. Bot. Mag. 2599.

C. peruviana, Baker. Peru. Bot. Mag. t. 6213.

Diasia, DC. See *Melasphæra*.

Dierama, K. Koch.

D. pendula, Baker. S. Africa. Bot. Reg. t. 1360.

D. pulcherrima, Baker. S. Africa. Bot. Mag. t. 5555.

Dietes, Salisb. See *Moræa*.

Diplarrhena, Labill.

D. Moræa, Labill. Australia.

Eleutherine, Herb.

E. plicata, Herb. Trop. America. Bot. Mag. t. 655.

Ferraria, Linn.

F. antherosa, Ker. S. Africa. Bot. Mag. t. 751.

F. Tigridia, Ker. See *Tigridia Pavonia*.

F. undulata, L. S. Africa. Bot. Mag. t. 144.

F. viridiflora, Andr. See *antherosa*.

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Freesia, Klatt.

F. refracta, *Klatt.* S. Africa. Bot. Reg. t. 135.

Var. *alba* (*Hort.*).

Var. *Leichtlini* (*Klatt.*). Gartenflora, t. 808.

Var. *odorata* (*Klatt.*). Bot. Cab. t. 1820.

Var. *xanthospila* (*Klatt.*). Red. Lil. t. 124.

Galaxia, Thunb.

G. graminea, *Thunb.* S. Africa. Bot. Mag. t. 1292.

G. ovata, *Thunb.* S. Africa. Bot. Mag. t. 1208.

Var. *versicolor* (*Salisb.*).

Geissorhiza, Ker.

G. Bellendeni, *Macowan.* S. Africa.

G. excisa, *Ker.* S. Africa. Bot. Mag. t. 584.

G. hirta, *Ker.* S. Africa.

G. humilis, *Ker.* S. Africa. Bot. Mag. t. 1255.

G. obtusata, *Ker.* S. Africa. Bot. Mag. t. 672.

G. quadrangula, *Ker.* S. Africa.

G. rochensis, *Ker.* S. Africa. Bot. Mag. t. 598.

Gladiolus, L.

G. alatus, *L.* S. Africa. Bot. Mag. t. 586.

G. angustus, *L.* S. Africa. Bot. Mag. t. 602.

G. arenarius, *Baker.* S. Africa.

G. aurantiacus, *Klatt.* Natal.

Var. *rubro-tinctus*, *Baker.*

G. biflorus, *Klatt.* S. Africa.

G. blandus, *Ait.* S. Africa. Bot. Mag. t. 625.

Var. *albidus* (*Jacq.*). Bot. Mag. t. 648.

Gladiolus—*cont.*

- G. brevifolius*, *Jacq.* S. Africa. *Jacq. Ic.* t. 249.
- G. cardinalis*, *Curt.* S. Africa. *Bot. Mag.* t. 135.
- G. Childsii*, *Hort.* Garden hybrid. (*Saundersii* × *gandavensis*.)
- G. Colvillei*, *Hort.* Garden hybrid (*cardinalis* × *tristis*).
- G. crassifolius*, *Baker.* S. Africa.
- G. cruentus*, *Moore.* Natal. *Bot. Mag.* t. 5810.
- G. cuspidatus*, *Jacq.* S. Africa. *Bot. Mag.* t. 582.
- G. decoratus*, *Baker.* Moramballa.
- G. dracocephalus*, *Hook. f.* Natal. *Bot. Mag.* t. 5884.
- G. Eckloni*, *Lehm.* S. Africa. *Bot. Mag.* t. 6335.
- G. gandavensis*, *Hort.* Garden hybrid (*psittacinus* × *cardinalis*).
- G. gracilis*, *Jacq.* S. Africa. *Bot. Mag.* t. 562.
- G. grandis*, *Thunb.* S. Africa. *Bot. Mag.* t. 1042.
- G. hirsutus*, *Jacq.* S. Africa. *Bot. Mag.* t. 574.
- G. Kirkii*, *Baker.* Zanzibar.
- G. Lemoinei*, *Hort.* Garden hybrid (*gandavensis* × *purpureo-auratus*).
- G. lineatus*, *Salisb.* *See Tritonia lineata.*
- G. Lucidor*, *Baker.* S. Africa.
- G. macowanianus*, *Klatt.* *See angustus.*
- G. Milleri*, *Ker.* S. Africa. *Bot. Mag.* t. 632.
- G. Merianellus*, *Thunb.* S. Africa.
- G. nanceianus*, *Hort.* Garden hybrid (*Saundersii* × *Lemoinei*).
- G. natalensis*, *Reinw.* *See psittacinus.*



Gladiolus—cont.

- G. oppositiflorus*, *Herb.* S. Africa. Bot. Mag. t. 7292.
- G. Papilio*, *Hook.* S. Africa. Bot. Mag. t. 5565.
- G. permeabilis*, *Delar.* S. Africa.
- G. platyphyllus*, *Baker.* S. Africa.
- G. primulinus*, *Baker.* S. E. Africa.
- G. psittacinus*, *Hook.* S. Africa. Bot. Mag. t. 3882.
- G. pudibundus*, *Part.* Garden hybrid (*cardinalis* × *blandus*).
- G. purpureo-auratus*, *Hook. f.* Natal. Bot. Mag. t. 5944.
- G. quartinianus*, *A. Rich.* Trop. Africa. Bot. Mag. t. 6737.
- G. recurvus*, *L.* S. Africa. Bot. Mag. t. 578.
- G. refractus*, *Jacq.* See *Freesia refracta*.
- G. Saundersii*, *Hook. f.* S. Africa. Bot. Mag. t. 5873.
- G. trichonemifolius*, *Ker.* S. Africa. Bot. Mag. t. 1483.
- G. trimaculatus*, *Lam.* See *angustus*.
- G. tristis*, *L.* S. Africa. Bot. Mag. t. 272.
- Var. *concolor* (*Salisb.*). Bot. Mag. t. 1098.
- G. Tysoni*, *Baker.* S. Africa.
- G. undulatus*, *L.* See *cuspidatus*.
- G. versicolor*, *Andr.* See *grandis*.
- G. villosus*, *Ker.* S. Africa. Bot. Mag. t. 823.
- G. Watsonius*, *Thunb.* S. Africa. Bot. Mag. t. 450.
- G. xanthospilus*, *Red.* See *Freesia refracta*.

Herbertia, Sweet.

- H. pulchella*, *Sweet.* S. America. Bot. Mag. t. 3862.

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Hesperantha, Ker.

H. cinnamomea, Ker. S. Africa. Bot. Mag. t. 1054.

H. falcata, Ker. S. Africa. Bot. Mag. t. 566.

H. pilosa, Ker. S. Africa. Bot. Mag. t. 1475.

H. Woodii, Baker. Natal.

Homeria, Vent.

H. collina, Vent. S. Africa. Bot. Mag. t. 1033.

Var. *aurantiaca (Sweet).* Bot. Mag. t. 1612.

H. elegans, Sweet. S. Africa. Bot. Mag. t. 1983.

H. lineata, Sweet. S. Africa. Sweet Brit. Fl. Gard.
t. 178.

H. miniata, Sweet. S. Africa. Sweet Brit. Fl. Gard.
t. 152.

Hydrotaenia, Lindl.

H. Van Houttei, Baker. Mexico. Flore des Serres
t. 2174.

Iris, L.

I. bicolor, Lindl. See *Moræa bicolor.*

I. chinensis, Curt. See *japonica.*

I. compressa, L. f. See *Moræa iridioides.*

I. crassifolia, Lodd. See *Moræa iridioides.*

I. hexagona, Walt. S. United States. Bot. Mag. t. 6787.

I. japonica, Thunb. Japan and China. Bot. Mag. t. 373.

I. martinicensis, L. See *Trimezia martinicensis.*

I. moræoides, Ker. See *Moræa iridioides.*

I. Pavonia, Curt. See *Moræa glaucopsis.*

I. Pavonia, L. See *Moræa Pavonia.*

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Iris—cont.

I. robinsoniana, F. Mull. See *Moræa robinsoniana*.

I. tristis, L. f. See *Moræa tristis*.

I. villosa, Ker. See *Moræa Pavonia*, var.

Ixia, L.

I. bulbifera, L. See *Sparaxis bulbifera*.

I. Bulbocodium, L. See *Romulea Bulbocodium*.

I. conica, Salisb. See *maculata*.

I. crateroides, Ker. See *speciosa*.

I. crispa, L. f. See *Tritonia undulata*.

I. falcata, L. f. See *Hesperanthera falcata*.

I. fistulosa, Ker. See *Micranthus fistulosus*.

I. flexuosa, L. S. Africa. Bot. Mag. t. 624.

I. grandiflora, Ker. See *Sparaxis grandiflora*.

I. maculata, L. S. Africa. Bot. Mag. t. 539.

I. monadelphæ, Delar. S. Africa. Bot. Mag. t. 607.

I. paniculata, Delar. S. Africa. Bot. Mag. t. 1502.

I. patens, Ait. S. Africa. Bot. Mag. t. 522.

I. polystachya, Linn. S. Africa. Bot. Mag. t. 623.

I. polystachya, Jacq. See *Tritonia scillaris*.

I. speciosa, Andr. S. Africa. Bot. Mag. t. 594.

I. tricolor, Curt. See *Sparaxis tricolor*.

I. viridiflora, Lam. S. Africa. Bot. Mag. t. 549.

Lapeyrousia, Poir.

L. azurea, Eckl. See *corymbosa*.

L. corymbosa, Ker. S. Africa. Bot. Mag. t. 595.

Var. *azurea* (Eckl.).

Lapeyrousia—*cont.*

L. cruenta, *Benth.* S. Africa. Bot. Reg. t. 1369.

L. fissifolia, *Ker.* S. Africa. Bot. Mag. t. 1246.

L. grandiflora, *Baker.* Zambesi. Bot. Mag. t. 6924.

Libertia, *Spreng.*

L. formosa, *Grah.* Chili. Bot. Mag. t. 3294.

L. grandiflora, *Sweet.* New Zealand.

L. ixioides, *Spreng.* New Zealand. Reich. Hort. t. 157.

L. orbicularis, *Colenso.* See *ixioides*.

L. paniculata, *Spreng.* Australia. Bot. Mag. t. 6263.

L. pulchella, *Spreng.* Australia and New Zealand.

L. tricocca, *Phil.* Chili.

Marica, *Ker.*

M. brachypus, *Baker.* Trinidad. Bot. Mag. t. 6380.

M. coerulea, *Ker.* Trop. America. Bot. Mag. t. 5612.

M. gracilis, *Herb.* Trop. America. Bot. Mag. t. 3713.

M. northiana, *Ker.* Trop. America. Bot. Mag. t. 654.

M. occidentalis, *Baker.* Peru.

Melasphaerula, *Ker.*

M. graminea, *Ker.* S. Africa. Bot. Mag. t. 615.

Micranthus, *Pers.*

M. fistulosus, *Eckl.* S. Africa. Bot. Mag. t. 523.

M. plantagineus, *Eckl.* S. Africa. Bot. Mag. t. 553.

Montbretia, *DC.* See *Tritonia*.

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Moræa, L.

M. barbigeræ, Salisb. *See ciliata*.

M. bicolor, Spæ. S. Africa. Bot. Mag. t. 1404.

M. ciliata, Ker. S. Africa. Bot. Mag. t. 1061.

Var. *barbigeræ* (*Salisb.*). Bot. Mag. t. 1012.

M. collina, Thunb. *See Homeria collina*.

M. edulis, Ker. S. Africa. Bot. Mag. t. 613.

Var. *longiflora* (*Sweet*). Bot. Mag. t. 1238.

M. glaucopsis, Baker. S. Africa. Bot. Mag. t. 168.

M. iridioides, L. S. Africa. Bot. Mag. t. 693.

M. juncea, L. S. Africa.

M. longiflora, Ker. S. Africa. Bot. Mag. t. 712.

M. papilionacea, Ker. S. Africa. Bot. Mag. t. 750.

M. Pavonia, Ker. S. Africa. Bot. Mag. t. 1247.

M. robinsoniana, F. Muell. Lord Howe's Island. Bot. Mag. t. 7212.

M. spathacea, Ker. S. Africa. Bot. Mag. tt. 1103, 6174.

M. spicata, Ker. *See Homeria elegans*.

M. tricuspis, Ker. S. Africa. Bot. Mag. t. 696.

M. tristis, Ker. Cape Town. Bot. Mag. t. 1103.

M. viscaria, Ker. S. Africa. Bot. Mag. t. 587.

Morphixia, Ker. *See Ixia*.

Nivenia, Vent. *See Aristeia*.

Orthosanthus, Sweet.

O. gramineus, Benth. West Australia.

O. chimboracensis, Baker. Mexico to Peru.

Pardanthus, Ker. *See Belamcanda*.

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Patersonia, R. Br.

P. longiscapa, *Sweet.* Australia. Sweet Fl. Austr. t. 39.

P. occidentalis, *R. Br.* West Australia. Bot. Reg. 1839, t. 60.

Rigidella, Lindl.

R. flammea, *Lindl.* Mexico. Bot. Reg. 1840, t. 16.

R. orthantha, *Paxt.* See *flammea*.

R. immaculata, *Herb.* Guatemala. Bot. Reg. 1841, t. 1.

Romulea, Maratti.

R. aurea, *Klatt.* See *sublutea*.

R. bulbocodioides, *Baker.* S. Africa. Bot. Mag. t. 1392.

R. Bulbocodium, *Seb. & Mauri.* Europe. Bot. Mag. t. 265.

R. clusiana, *Baker.* Spain.

R. Columnæ, *Seb. & Mauri.* Europe and Azores.

R. filifolia, *Eckl.* S. Africa.

R. gracillima, *Baker.* Namaqualand.

R. hirsuta, *Eckl.* S. Africa.

R. Linaresii, *Parl.* S. Europe and Asia Minor.

R. longifolia, *Baker.* S. Africa. Bot. Mag. 575.

R. Parlatorei, *Todaro.* See *ramiflora*.

R. purpurascens, *Ten.* See *ramiflora*.

R. pulchella, *Jord.* See *Bulbocodium*.

R. rosea, *Eckl.* S. Africa. Bot. Mag. t. 1225.

Var. *speciosa*, *Baker.* Bot. Mag. 1476.

R. sublutea, *Baker.* S. Africa. Red. Lil. t. 251.

R. ramiflora, *Ten.* Mediterranean. Moggr. Ment. t. 92.

Var. *Parlatorei* (*Tod.*).

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Schizostylis, *Backh.*

S. coccinea, *Backh.* S. Africa. Bot. Mag. t. 5422.

Sisyrinchium, *Linn.*

S. chilense, *Hook.* Trop. America. Bot. Mag. t. 2786.

S. filifolium, *Gaud.* Falkland Islds. Bot. Mag. t. 6829.

S. moritzianum, *Klatt.* See *Orthosanthus chimboracensis*.

S. striatum, *Smith.* S. America. Bot. Mag. t. 701.

Sparaxis, *Ker.*

S. albiflora, *Eckl.* See *bulbifera*.

S. bulbifera, *Ker.* S. Africa. Bot. Mag. t. 545.

S. grandiflora, *Ker.* S. Africa. Bot. Mag. t. 779.

Numerous garden forms.

S. pendula, *Ker.* See *Dierama pendula*.

S. pulcherrima, *Hook. f.* See *Dierama pulcherrima*.

S. tricolor, *Ker.* S. Africa. Bot. Mag. t. 1482.

Numerous garden forms.

Synnotia, *Sweet.*

S. bicolor, *Sweet.* S. Africa. Jacq. Ic. tt. 240, 258.

S. variegata, *Sweet.* S. Africa.

Syringodea, *Hook. f.*

S. pulchella, *Hook. f.* S. Africa. Bot. Mag. t. 6072.

Tigridia, *Ker.*

T. aurea, *Hort.* See *Pavonia*.

T. buccifera, *S. Wats.* Mexico. Gard. and For. 1889, fig. 125.

T. conchifera, *Sweet.* See *Pavonia*.

Tigridia—*cont.*

T. grandiflora, Salisb. *See Pavonia.*

T. Pavonia, Ker. Mexico and Guatemala. Bot. Mag. t. 532.

Var. *aurea*, Hort.

Var. *alba*, Hort.

Var. *conchiflora*, (*Sweet*). Paxt. Fl. Gard. t. 218.

T. Pringlei, S. Wats. Mexico. Bot. Mag. t. 7089.

T. violacea, Schiede. Mexico. Bot. Mag. t. 7356.

Trichonema, Ker. *See Romulea.*

Trimezia, Herb.

T. martinicensis, Herb. Trop. America. Bot. Mag. t. 416.

Tritonia, Ker.

T. aurea, Ldl. *See Crocosmia aurea.*

T. crocosmaeflora. Garden hybrid (*Pottsii* × *Crocosmia aurea*).

T. crispa, Ker. S. Africa. Bot. Mag. t. 678.

T. crocata, Ker. S. Africa. Bot. Mag. t. 184.

Var. *miniata* (Ker.). Bot. Mag. 609.

T. fenestrata, Ker. *See hyalina.*

T. hyalina, Baker. S. Africa. Bot. Mag. t. 704.

T. lineata, Ker. S. Africa. Bot. Mag. t. 487.

T. longiflora, Ker. *See Ixia paniculata.*

T. miniata, Ker. *See crocata.*

T. odorata, Lodd. *See Freesia refracta.*

T. Pottsii, Benth. S. Africa. Bot. Mag. t. 6722.

T. refracta, Ker. *See Freesia refracta.*

T. rosea, Klatt. S. Africa. Bot. Mag. t. 7280.

Dear Sir,
I have the honor to acknowledge the receipt of your letter of the 10th inst. in relation to the above matter. I am sorry to hear that you are not satisfied with the result of the investigation. I have been very anxious to get to the bottom of the matter, and I have been very careful to follow up every lead. I have been very busy, but I have been able to devote some time to this matter. I have been very careful to follow up every lead, and I have been very anxious to get to the bottom of the matter. I have been very busy, but I have been able to devote some time to this matter.

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Tritonia—*cont.*

- T. scillaris*, *Baker*. S. Africa. Bot. Mag. t. 629.
T. securigera, *Ker*. S. Africa. Red. Lil. t. 53.
T. squalida, *Ker*. S. Africa. Bot. Mag. t. 581.
T. Templemanni, *Baker*. S. Africa.
T. undulata, *Baker*. S. Africa. Bot. Mag. t. 599.
T. watsonioides, *Baker*. Swaziland.

Vieusseuxia, *Delar*. See *Moræa*.

Watsonia, *Miller*.

- W. alba*, *Hort*. See *Meriana*.
W. Ardernei, *Hort*. See *Meriana*.
W. aletroides, *Ker*. S. Africa. Bot. Mag. t. 533.
W. angusta, *Ker*. S. Africa. Bot. Mag. t. 600.
W. coccinea, *Herb*. S. Africa. Bot. Mag. t. 1194.
W. densiflora, *Baker*. S. Africa. Bot. Mag. 6400.
W. fulgida, *Salisb*. See *angusta*.
W. humilis, *Mill*. S. Africa. Bot. Mag. tt. 63, 1193.
W. iridifolia, *Ker*. See *Meriana*.
 Var. fulgens, *Ker*. See *angusta*.
W. marginata, *Ker*. S. Africa. Bot. Mag. t. 608.
W. Meriana, *Mill*. S. Africa. Bot. Mag. t. 418.
 Var. Ardernei, *Hort*. See *var. O'Brieni*.
 Var. iridifolia (*Baker*).
 Var. O'Brieni, *N. E. Br*.
W. plantaginea, *Ker*. See *Micranthus plantagineus*.
W. punctata, *Ker*. S. Africa.
W. rosea, *Ker*. S. Africa. Bot. Mag. t. 1072.
W. tubulosa, *Andr*. See *aletroides*.

Witsenia, *Ker*. See *Aristea*.

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Amaryllideae.**Agave, L.**

A. albicans, *Jacobi*. Mexico. Gard. Chron. 1877, viii. 717, fig. 138.

A. amoena, Lem. See *Scolymus*.

A. americana, L. Trop. America. Bot. Mag. t. 3654.

Var. *albo marginata*, *Hort*.

Var. *lutea viride marginata*, *Hort*.

Var. *ornata*, *Jacobi*.

Var. *picta*. (*Salm-Dyck*.)

Var. *striata*, *Hort*.

Var. *variegata*, *Hort*.

A. amurensis, *Jacobi*. See *xylonacantha*.

A. ananasoides, De Jonghe. See *regeliana*.

A. angustissima, *Engelm*. Mexico. Gard. and For. vi. 5, fig. 1.

A. applanata, Lem. Mexico. Hort. Bot. Panorm. ii. 29, t. 30.

A. attenuata, *Salm-Dyck*. Mexico. Bot. Mag. t. 5333.

A. atrovirens, *Karw*. Mexico. Rev. Hort. 1873, 373, tt. 40-41.

Var. *latissima* (*Jacobi*).

A. Baxteri, *Baker*. Mexico.

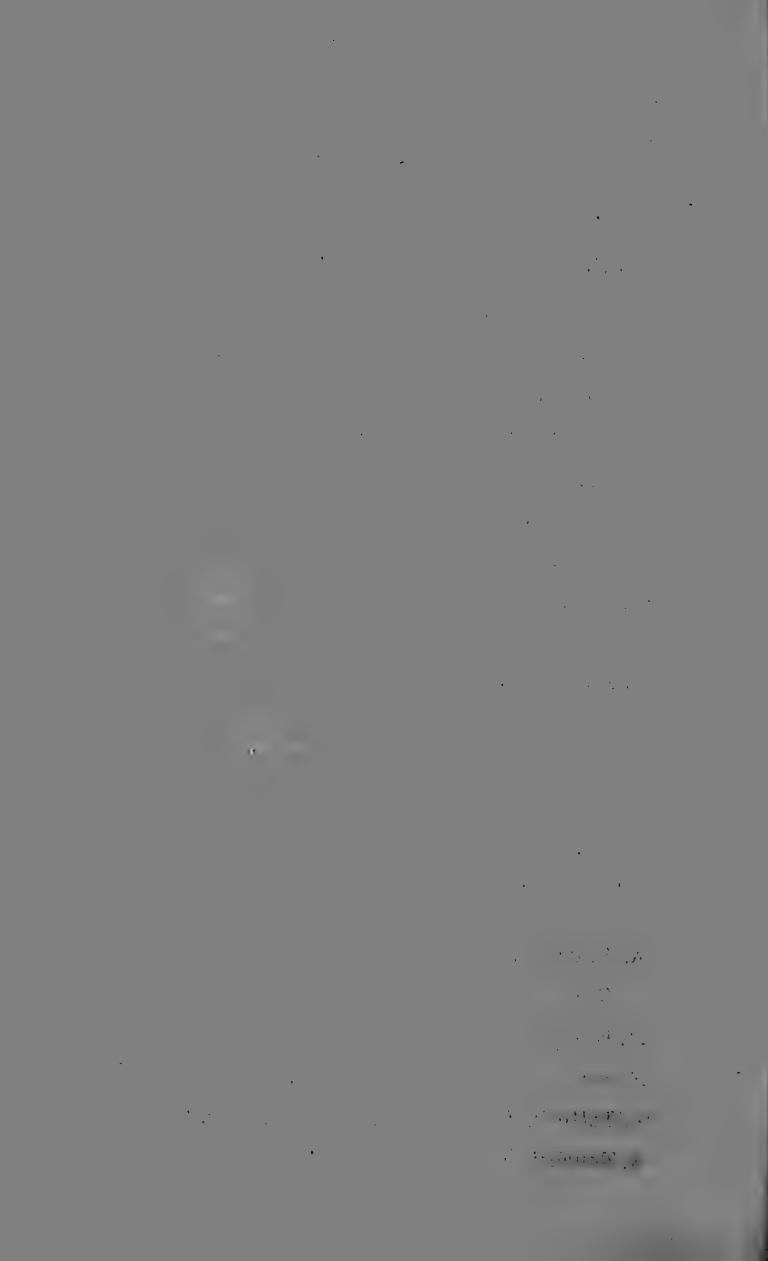
A. Beaucarnei, Lem. See *Kerchovei*.

A. besseriana, *Jacobi*. See *macracantha*.

A. bonnetiana, *Hort*. See *ferox*.

A. Botterii, *Baker*. Mexico. Bot. Mag. t. 6248.

A. Bouchei, *Jacobi*. Mexico.



Agave—*cont.*

- A. brachystachys*, Cav. Mexico. Red. Lil. t. 485.
A. bulbifera, Salm-Dyck. See *vivipara*.
A. caespitosa, Todaro. See *Sartorii*.
A. californica, Jacobi. See *falcata*.
A. canartiana, Jacobi. See *atrovirens*.
A. Candelabrum, Todaro. See *rigida* var. *elongata*.
A. Cantula, Roxb. See *vivipara*.
A. caribaea, Baker. Martinique.
A. celsiana, Hook. Mexico. Bot. Mag. t. 4934.
A. chiapensis, Jacobi. See *polyacantha*.
A. chloracantha, Salm-Dyck. Mexico.
A. cinerascens, Jacobi. See *applanata*.
A. coarctata, Jacobi. See *atrovirens* var. *latissima*.
A. coccinea, Roezl. Mexico.
A. cochlearis, Jacobi. Mexico.
A. coerulescens, Salm Dyck. See *lophantha*.
A. cohniana, Jacobi. See *yuccaefolia*.
A. concinna, Baker. Mexico.
A. Consideranti, Carr. See *Victoriae-Reginae*.
A. Corderoyi, Baker. Mexico. Gard. Chron. 1877, vi. 399, fig. 79.
A. crenata, Jacobi. See *Scolymus*.
A. cucullata, Lem. Mexico.
A. cyanophylla, Jacobi. See *mexicana*.
A. dasylirioides, Jacobi. Mexico. Bot. Mag. t. 5716.
A. dealbata, Lem. See *dasylirioides*.

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Agave—*cont.*

- A. decipiens*, *Baker*. Florida. Missouri Bot. Gard. Rep. 1896, tt. 57-8.
- A. densiflora*, *Hook*. Mexico. Bot. Mag. t. 5006.
Var. *longiflora*, *Hort*.
- A. Deserti*, *Engelm*. California. Missouri Bot. Gard. Rep. 1896, tt. 33-4.
- A. desmetiana*, *Hort*. See *horrida*.
- A. elemeetiana*, *Jacobi*. Mexico. Bot. Ref. t. 163.
- A. elegantissima*, *Hort*.
- A. elongata*, *Jacobi*. See *rigida*.
- A. Engelmanni*, *Trelease*. Mexico. Missouri Bot. Gard. Rep. 1892, t. 55-6.
- A. ensifera*, *Jacobi*. See *univittata*.
- A. excelsa*, *Jacobi*. Mexico.
- A. falcata*, *Engelm*. Mexico.
- A. ferox*, *K. Koch*. Mexico.
- A. filamentosa*, *Salm-Dyck*. See *filifera*.
- A. filifera*, *Salm-Dyck*. Mexico. Ill. Hort. t. 243.
Var. *filamentosa* (*Salm-Dyck*).
- A. fourcroyoides*, *Jacobi*. See *rigida* var. *elongata*.
- A. Franzosini*, *Baker*. Mexico. Gard. Chron. 1892, x. 179, fig. 31.
- A. geminiflora*, *Gawl*. Mexico. Bot. Reg. t. 1145.
- A. Ghiesbreghtii*, *Lem*. Mexico.
- A. Gilbeyi*, *Hort*. See *horrida*.
- A. glaucescens*, *Hook*. See *attenuata*.
- A. goeppertiana*, *Jacobi*. Mexico.

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- A. grandidentata*, Jacobi. See *horrida* var. *micracantha*.
A. gracilispina, Jacobi. See *coccinea*.
A. Haseloffii, Jacobi. Mexico. Bot. Mag. t. 7527.
A. Haynaldi, Todaro. Mexico.
A. Henriquesii, Baker. Mexico. Gard. Chron. 1887, i. 732, fig. 70.
A. heteracantha, Zucc. Texas and Mexico. Gartenfl. t. 639.
A. Hookeri, Jacobi. Mexico. Bot. Mag. t. 6589.
A. horizontinalis, Jacobi. Mexico.
A. horrida, Lem. Mexico. Bot. Mag. t. 6551.
 Var. *Gilbeyi*, Hort.
 Var. *macrodonta*, Baker.
 Var. *micracantha*, Baker.
A. Houlettii, Jacobi. Mexico.
A. huachucensis, Baker. Arizona.
A. humboldtiana, Jacobi. Mexico.
A. hystrix, Hort. See *striata* var. *stricta*.
A. inermis, Ortg. See *Kerchovei*.
A. integrifolia, Baker. Mexico.
A. intermedia, Hort.
A. Ixtli, Karw. See *rigida*.
A. ixtlioides, Hook. See *rigida* elongata.
A. jacobiana, Salm-Dyck. See *atrovirens*.
A. Karatto, Mill. West Indies.
A. Kellockii, Jacobi. See *pruinosa*.

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Agave—cont.

A. Kerchovei, Lem. Mexico. Gard. Chron. 1877, vii. 527, fig. 78.

Var. *canaliculata*, Hort.

Var. *major*, Hort.

Var. *inermis*, Hort.

Var. *Veitchii*, Hort.

A. kewensis, Jacobi. Mexico.

A. Kochii, Jacobi. See *xylonacantha*.

A. latissima, Jacobi. See *atrovirens*.

A. laxifolia, Baker. Mexico. Bot. Mag. t. 7477.

A. Lechuguilla, Torr. See *heteracantha*.

A. Lehmanni, Jacobi. See *atrovirens latissima*.

A. Leopoldi, Hort. Garden hybrid ("princeps" \times *filifera*).

A. linearis, Jacobi. See *macracantha*.

A. lophantha, Schiede. Mexico.

Var. *coerulescens* (*Salm-Dyck*).

A. lurida, Ait. Mexico. Bot. Mag. t. 1522.

Var. *jacquiniana* (*Schult.*). Bot. Mag. t. 5097.

A. macracantha, Zucc. Mexico. Bot. Mag. t. 5940.

A. macrantha, Todaro. ? Mexico.

A. macrodonta, Lem. See *Kerchovei*.

A. maculata, Regel. Texas and Mexico. Bot. Mag. t. 5122.

A. Marensi, Hort. Hab.—?

A. Margaritæ, Hort. See *applanata*.

A. maritima, Rose. Mexico.

A. marmorata, Roeze. Mexico.



Agave—*cont.*

- A. maximiliana*, *Baker*. Mexico.
A. Mescal, Koch. See *Scolymus*.
A. mexicana, *Lam.* Mexico. Gard. Chron. 1883, xix. 142, fig. 22.
A. micracantha, *Salm-Dyck*. Mexico. Ref. Bot. t. 327.
Var. *picta*.
A. miradorensis, *Jacobi*. Mexico.
A. mitis, *Salm-Dyck*. Mexico. Gard. Chron. 1877, viii. 717, fig. 137.
A. mitræformis, *Jacobi*. See *atrovirens*.
A. Morrisii, *Baker*. Jamaica, Gard. Chron. 1887, i. 549, fig. 105.
Var. *variegata*.
A. multilineata, *Baker*. Mexico.
A. Nissoni, *Baker*. Mexico.
A. Noackii, *Jacobi*. See *Sartorii*.
A. oblongata, *Jacobi*. ? Mexico.
A. ornata, *Jacobi*. See *americana*.
A. Ottonis, *Jacobi*. See *atrovirens*.
A. ousselghemiana, *Jacobi*. See *albicans*.
A. Palmeri, *Engelm.* Arizona. Missouri Bot. Gard. Rep. 1896, tt. 48-52.
A. Parryi, *Engelm.* Arizona and New Mexico.
A. Peacockii, *Croucher*. Mexico. Gard. Chron. 1873, 1400, fig. 283.
A. perbella, Hort. See *xylonacantha*.
A. polyacantha, *Haw.* Mexico.

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Agave—cont.

- A. Poselgerii*, Salm-Dyck. See *heteracantha*.
- A. potatorum*, Zucc. Mexico.
- A. Pringlei*, Engelm. California.
- A. pruinosa*, Lem. Mexico.
- A. protuberans*, Engelm. Mexico.
- A. pulcherrima*, Todaro. Mexico.
- A. pumila*, Hort. ? Mexico.
- A. recurva*, Zucc. See *striata*.
- A. regeliana*, Jacobi. Mexico.
- A. rigida*, Mill. Mexico. Bot. Mag. t. 5893.
 Var. *angustifolia*.
 Var. *elongata* (Jacobi).
 Var. *Ixtli*. (Karw).
 Var. *sisalana*, Engelm. Missouri Bot. Gard. Rep.
 1896, tt. 54-56.
- A. roezliana*, Baker. Mexico. Gard. Chron. 1877, vii. 528,
 fig. 79.
- A. rufo-cincta*, Jacobi. See *Sartorii*.
- A. rupicola*, Regel. Mexico.
- A. salmiana*, Otto. See *atrovirens*.
- A. saponaria*, Lindl. See *brachystachys*.
- A. Sartorii*, Koch. Mexico and Guatemala. Bot. Mag.
 t. 6292.
- A. Saundersii*, Hook. See *Scolymus*.
- A. scabra*, Salm-Dyck. See *Wislizenii*.
- A. schidigera*, Lem. Mexico. Bot. Mag. t. 5641.
- A. Schottii*, Engelm. Arizona. Missouri Bot. Gard.
 Rep. 1896, t. 29.

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Agave---cont.

- A. Scolymus*, *Karw.* Mexico. Ref. Bot. t. 328.
 Var. *brevifolia*.
 Var. *crenata* (*Jacobi*).
 Var. *Leopoldii*.
 Var. *Saundersii* (Hook). Bot. Mag. t. 5493.
- A. seemanniana*, *Jacobi*. Guatemala.
- A. Shawii*, *Engelm.* California. Missouri Bot. Gard.
 Rep. 1896 tt. 44-47.
- A. sisalana*, *Engelm.* *See rigida*.
- A. sobolifera*, *Salm-Dyck*. West Indies.
- A. spectabilis*, *Todaro*. ? Mexico.
- A. spicata*, *Cav.* ? Cuba.
- A. striata*, *Zucc.* Mexico. Bot. Mag. t. 5940.
 Var. *echinoides* (*Jacobi*).
 Var. *recurva* (*Zucc.*).
 Var. *stricta* (*Salm-Dyck*).
- A. Taylori*, *Williams*. Garden hybrid (*gemminiflora* × *filamentosa*).
- A. tehuacanensis*, *Karw.* *See atrovirens*.
- A. thomsoniana*, *Jacobi*. Mexico.
- A. toneliana*, *Baker*. Mexico.
- A. triangularis*, *Jacobi*. *See horrida*.
- A. uncinata*, *Jacobi*. *See polyacantha*.
- A. univittata*, *Haw.* Mexico. Bot. Mag. t. 6655.
 Var. *longifolia*.
- A. univittata* × *marginata*. Garden hybrid.
- A. utahensis*, *Engelm.* Utah and Arizona.

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Agave—cont.

- A. Veitchii*, Hort. See *Kerchovei*.
A. Vera-Crucis, Haw. See *lurida*.
A. Verschaffeltii, Lem. See *Scolymus*.
A. vestita, Hort.
A. Victoriae-Reginae, T. Moore. Mexico. Ill. Hort. 1881, t. 413.
A. virginica, L. S. United States. Bot. Mag. t. 1157.
A. vivipara, L. Mexico & Honduras. Wight Ic. t. 2024.
 Var. *variegata*.
A. Wildingii, Tod. Mexico. Hort. Bot. Panorm. t. 32.
A. Wislizenii, Engelm. Mexico.
A. xalapensis, Roehl. Mexico.
A. xylonacantha, Salm-Dyck. Mexico. Bot. Mag. t. 5660.
 Var. *perbella*. Gard. Chron. 1877, vii. 528, fig. 22.
A. yuccaefolia, D.C. Mexico. Bot. Mag. t. 5213.

Amaryllis, L.

- A. Atamasco*, L. See *Zephyranthes Atamasco*.
A. Belladonna, L. S. Africa. Bot. Mag. t. 733.
 Var. *blanda* (Gawl.).
 Var. *kewensis*, Hort.
 Var. *pallida* (Red.).
A. candida, Lindl. See *Zephyranthes candida*.
A. formosissima, L. See *Sprekelia formosissima*.
A. Hallii, Hort. See *Lycoris squamigera*.
A. tubispatha, Herb. See *Zephyranthes tubispatha*.
 (See also under *Hippeastrum*.)

Ammocharis, Herb.

A. falcata, Herb. S. Africa. Bot. Reg. tt. 139, 1219.

Anoiganthus, Baker.

A. breviflorus, Baker. S. Africa. Bot. Mag. t. 7072.

Var. *minor, Baker.*

Apodolirion, Baker.

A. Ettae, Baker. Natal.

A. Mackenii, Baker. Natal.

Barbacenia, Vand.

B. squamata, Part. Brazil. Bot. Mag. t. 4136.

Beschorneria, Kunth.

B. bracteata, Jacobi. Mexico. Bot. Mag. t. 6641.

B. cohniana, Jacobi. See *tubiflora*.

B. decosteriana, Baker. Mexico. Bot. Mag. t. 6768.

B. superba, Hort. Mexico.

B. toneliana, Jacobi. Mexico. Bot. Mag. t. 6091.

B. tubiflora, Kunth. Mexico. Bot. Mag. t. 4642.

B. yuccoides, Hook. Mexico. Bot. Mag. t. 5203.

Bomarea, Mirb.

B. acutifolia, Herb. Mexico. Bot. Mag. tt. 3050, 3871, 6444.

B. caldasiana, Herb. Colombia. Bot. Mag. t. 5442.

B. Carderi, Mast. Colombia. Fl. Mag. n.s. t. 239.

B. chontalensis, Seem. See *edulis*.

B. conferta, Benth. See *patacocensis*.

B. edulis, Herb. Trop. America. Bot. Mag. t. 1613.

Var. *chontalensis (Seem).* Bot. Mag. t. 5927.

Bomarea—*cont.*

B. Lehmanni, *Baker*. Colombia.

B. frondea, *Mast.* Colombia. *Gard. Chron.* 1882, xvii. 669, fig. 102.

B. multiflora, *Mirb.* Venezuela and Colombia. *Fl. des Serres*, t. 2316.

B. oculata, *Lodd.* *See* *Salsilla*.

B. oligantha, *Baker.* Peru.

B. patacocensis, *Herb.* Ecuador and Colombia. *Bot. Mag.* t. 6692.

B. Salsilla, *Herb.* Chili. *Bot. Mag.* t. 3341.

B. Shuttleworthii, *Mast.* *See* *Carderi*.

Bravoa, *Llav. & Lex.*

B. bulliana, *Baker.* *See* *Prochnyanthes bulliana*.

B. geminiflora, *Llav. & Lex.* Mexico.

Brunsvigia, *Heist.*

B. gigantea, *Heist.* S. Africa. *Bot. Mag.* t. 1619.

B. humilis, *Ecklon.* *See* *minor*.

B. Josephinae, *Gawl.* S. Africa. *Bot. Reg.* t. 192-3.

B. minor, *Lindl.* S. Africa. *Bot. Reg.* t. 954.

B. multiflora, *Ait.* *See* *gigantea*.

B. Radula, *Ait.* S. Africa.

B. toxicaria, *Gawl.* *See* *Buphane disticha*.

Buphane, *Herb.*

B. ciliaris, *Herb.* S. Africa. *Bot. Mag.* t. 2573.

B. disticha, *Herb.* S. Africa. *Bot. Mag.* t. 1217.

B. toxicaria, *Herb.* *See* *disticha*.

Calliphruria, Herb.

C. hartwegiana, Herb. Bogota. Bot. Mag. t. 6259.

C. subedentata, Baker. See *Eucharis subedentata*.

Callipsyche, Herb.

C. aurantiaca, Baker. Ecuador. Ref. Bot. t. 167.

C. mirabilis, Baker. Peru. Ref. Bot. t. 168.

Calostemma, R. Br.

C. album, R. Br. Gulf of Carpentaria.

C. luteum, Sims. Australia. Bot. Mag. t. 2101.

C. purpureum, R. Br. Australia. Bot. Mag. 2100.

Chlidanthus, Herb.

C. fragrans, Herb. Peru. Bot. Mag. t. 640.

Clivia, Lindl.

C. cyrtanthiflora, Hort. Garden hybrid (*miniata* × *nobilis*).

C. Gardeni, Hook. S. Africa. Bot. Mag. t. 4895.

C. miniata, Regel. Natal. Bot. Mag. t. 4783.

Numerous garden varieties.

C. nobilis, Lindl. S. Africa. Bot. Mag. t. 2856.

Coburgia, Sweet. See *Stenomesson*.*Cooperia, Herb.*

C. Drummondii, Herb. Texas & Mexico. Bot. Reg. t. 1835.

C. Oberwetteri, Hort.

C. pedunculata, Herb. Texas. Bot. Mag. t. 3727.

Crinum, L.

C. abyssinicum, Hochst. Abyssinia.

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Crinum—*cont.*

- C. amabile*, *Donn.* Sumatra. Bot. Mag. t. 1605.
- C. amoenum*, *Roxb.* Himalaya & Khasia.
- C. americanum*, *L.* United States. Bot. Mag. t. 1034.
- C. angustifolium*, *R. Br.* Australia. Bot. Mag. t. 23 55.
- C. aquaticum*, *Burchell.* See *campanulatum*.
- C. arenarium*, *Herb.* See *angustifolium*.
- C. asiaticum*, *L.* Tropical Asia. Bot. Mag. t. 1073.
Var. *japonicum*.
Var. *variegatum*.
- C. augustum*, *Roxb.* Mauritius and Seychelles. Bot. Mag. t. 2397.
- C. australasicum*, *Herb.* See *angustifolium*.
- C. australe*, *Herb.* See *pedunculatum*.
- C. Bainesii*, *Baker.* Tropical Africa.
- C. brachynema*, *Herb.* Bombay. Bot. Mag. t. 5937.
- C. bracteatum*, *Willd.* Seychelles. Bot. Reg. t. 179.
- C. Broussonetii*, *Herb.* See *yuccaeflorum*.
- C. campanulatum*, *Herb.* S. Africa. Bot. Mag. t. 2352.
- C. canaliculatum*, *Roxb.* See *pedunculatum*.
- C. capense*, *Herb.* See *longifolium*.
- C. careyanum*, *Herb.* Mauritius and Seychelles. Bot. Mag. t. 2466.
- C. Colensoi*, *Hort.* See *Moorei*.
- C. Commelyni*, *Jacq.* S. America.
- C. crassifolium*, *Herb.* See *variabile*.
- C. crassipes*, *Baker.* ? Trop. Africa.

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Crinum—cont.

- C. cruentum*, *Gawl.* Mexico. Bot. Reg. t. 171.
- C. defixum*, *Ker.* India. Bot. Mag. t. 2208.
Var. *ensifolium*, *Roxb.* Pegu. Bot. Mag. t. 2301.
- C. distichum*, *Herb.* Sierra Leone. Bot. Mag. t. 1253.
- C. Doriæ*, *Hort. Dammann.* Abyssinia.
- C. erubescens*, *Ait.* Trop. America. Bot. Mag. t. 1232.
Var. *minus*, *Hort.*
- C. flaccidum*, *Herb.* Australia. Bot. Mag. t. 2133.
- C. fimbriatulum*, *Baker.* Angola.
- C. forbesianum*, *Herb.* Delagoa Bay. Bot. Mag. t. 6545.
- C. giganteum*, *Andr.* Trop. Africa. Bot. Mag. t. 923.
- C. grandiflorum*, *Hort.* See *Powellii*.
- C. Hildebrandtii*, *Vatke.* Johanna Isld. Bot. Mag. t. 6709.
- C. Kirkii*, *Baker.* Zanzibar. Bot. Mag. t. 6502.
- C. Lastii*, *Baker.* E. Trop. Africa.
- C. latifolium*, *L.* Trop. Asia. Bot. Reg. t. 1297.
Var. *yemense.* (*Defflers*). Arabia.
- C. leucophyllum*, *Baker.* Damaraland. Bot. Mag. t. 6783.
- C. lindleyanum*, *Herb.* See *Commelynii*.
- C. lineare*, *L.* S. Africa. Bot. Mag. t. 915.
- C. longifolium*, *Thunb.* S. Africa. Bot. Mag. t. 661.
Var. *farinianum*, *Baker.*
- C. Mackenii*, *Hort.* See *Moorei*.
- C. Macowani*, *Baker.* Natal. Bot. Mag. t. 6381.
- C. makoyanum*, *Carr.* See *Moorei*.
- C. massaianum*, *Linden.* See *Kirkii*.

Crinum—cont.

C. moluccanum, Roxb. *See* latifolium.

C. Moorei, Hook. f. S. Africa. Bot. Mag. t. 6113.

Var. *album*. Gartenfl. t. 1072.

Var. *variegatum*.

C. natalense, Hort. *See* Moorei.

C. nobile, Hort. *See* giganteum.

C. ornatum, Bury. *See* sanderianum.

C. parvum, Baker. Zambesia.

C. pedunculatum, R. Br. Australia. Bot. Reg. t. 52.

Var. *pacificum*, Hort.

C. podophyllum, Baker. Old Calabar. Bot. Mag. t. 6483.

Var. *magnificum*, Hort.

C. Powellii, Hort (longifolium \times Moorei).

Var. *album*, Hort.

Var. *rubrum*, Hort.

C. purpurascens, Herb. W. Trop. Africa. Bot. Mag. t. 6525.

C. revolutum, Lindl. *See* Commelynii.

C. riparium, Herb. *See* longifolium.

C. roozenianum, O'Brien. *See* erubescens, var. minus.

C. sanderianum, Baker. W. Trop. Africa.

C. scabrum, Herb. Trop. Africa. Bot. Mag. t. 2180.

C. Schimperii, Vatke. Abyssinia. Bot. Mag. t. 7417.

C. Schmidtii, Regel. *See* Moorei, var. album.

C. speciosum, Herb. *See* latifolium.

C. submersum, Herb. Brazil.

Crinum—cont.

- C. superbum*, Roxb. See *anabile*.
C. taitense, Red. See *pedunculatum*.
C. vanillodorum, Wellw. See *giganteum*.
C. yuccaeiflorum, Salisb. Sierra Leone. Bot. Mag. t. 2121.
C. yemense, Defflers. See *latifolium*.
C. zeylanicum, L. Trop. Asia and Africa.
 Var. *reductum*, Baker.

Curculigo, Gaertn.

- C. latifolia*, Dryand. Malaya. Bot. Mag. t. 2034.
C. orchioides, Gaertn. Trop. Asia. Bot. Mag. t. 1076.
C. recurvata, Dryand. Trop. Asia. Bot. Reg. t. 770.
 Var. *variegata*.
C. seychellensis, Bojer. Mascarene Islands.

Cyrtanthus, Ait.

- C. angustifolius*, Ait. S. Africa. Bot. Mag. t. 271.
 Var. *ventricosus* (Willd).
C. breviflorus, Harv. See *Anoiganthus breviflorus*.
C. carneus, Lindl. S. Africa. Bot. Reg. t. 1462.
C. collinus, Burch. S. Africa. Bot. Reg. t. 162.
C. Galpini, Baker. S. Africa.
C. helictus, Lehm. S. Africa.
C. Huttoni, Baker. S. Africa. Bot. Mag. t. 7488.
C. hybridus, N. E. Br. Garden hybrid (*sanguineus* × *Vallota purpurea*).
C. intermedius, Hort. S. Africa.

1. *Chrysomela*

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Cyrtanthus—*cont.*

- C. lutescens*, *Herb.* S. Africa. Bot. Mag. t. 5374.
C. Mackenii, *Hook. f.* Natal. Ref. Bot. t. 355.
C. Macowani, *Baker.* S. Africa. Gartenfl. t. 960.
C. obliquus, *Ait.* S. Africa. Bot. Reg. t. 1133.
C. O'Brieni, *Baker.* Natal.
C. odorus, *Gawl.* S. Africa. Bot. Reg. t. 503.
C. parviflorus, *Baker.* S. Africa.
C. sanguineus, *Hook.* S. Africa. Bot. Mag. t. 5218.
C. spiralis, *Burch.* S. Africa. Bot. Reg. t. 167.
C. Tuckii, *Baker.* S. Africa. Gard. Chron. 1892, xii.
 p. 155, fig.
C. uniflorus, *Gawl.* S. Africa. Bot. Mag. t. 2291.

Doryanthes, *Correa.*

- D. excelsa*, *Correa.* N. S. Wales. Bot. Mag. t. 1687.
D. Guilfoylei, *Bailey.* Queensland.
D. Larkini, *Bailey.* Queensland.
D. Palmeri, *W. Hill.* Queensland. Bot. Mag. t. 6665.

Elisena, *Herb.*

- E. longipetala*, *Herb.* Peru & Ecuador. Bot. Mag. t. 3873.

Eucharis, *Planch.*

- E. amazonica*, *Hort.* See *grandiflora*.
E. candida, *Planch.* Colombia. Fl. des. Serres, t. 788.
E. elmetiana, *Hort.* Garden hybrid.
E. grandiflora, *Planch.* Colombia. Bot. Mag. t. 4971.
 Var. *Lowii* (*Baker*).
 Var. *Moorei* (*Baker*).



Eucharis—*cont.*

E. Mastersii, *Baker*. Colombia. Bot. Mag. t. 6831.

E. Sanderi, *Baker*. Colombia. Bot. Mag. t. 6676.

E. Stevensii, *Krelage*. Garden hybrid (candida × *Sanderi*).

E. subedentata, *Benth*. Colombia. Bot. Mag. t. 6289.

Eurycles, *Salisb*.

E. amboinensis, *Loud*. See *sylvestris*.

E. australasica, *Loud*. See *sylvestris*.

E. Cunninghami, *Ait*. Australia. Bot. Mag. t. 3399.

E. sylvestris, *Salisb*. Malaya and Australia. Bot. Mag. t. 1419.

Fourcroya, *R. & S*. See *Furcraea*.

Furcraea, *Vent*.

F. Bedinghausii, *K. Koch*. Mexico. Rev. Hort. 1887, fig. 71.

F. Commelyni, *Kunth*. Trop. America.

F. cubensis, *Haw*. Trop. America.

Var. *inermis*, *Baker*. Bot. Mag. t. 6573.

Var. *Lindeni* (*Jacobi*).

F. depauperata, *Jacobi*. Trop. America.

F. Desiderantii, *Hort*. Trop. America.

F. elegans, *Todaro*. Mexico. Hort. Bot. Panorm. 13, t. 4.

F. flavo-viridis, *Hook*. Mexico. Bot. Mag. t. 5163.

F. geminispina, *Jacobi*. Trop. America.

F. gigantea, *Vent*. Trop. America. Bot. Mag. t. 2250.

Var. *variegata*, *Hort*.

Var. *willemeetiana*, *Roem*.

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FROM THE FIRST SETTLEMENT

TO THE PRESENT

STATE OF THE CITY

AND OF THE

COUNTY OF

NEW-YORK

IN

THE

YEAR

1790

BY

J. M. L.

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PRINTED

AT

THE

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Furcraea—*cont.*

- F. Lindeni*, Jacobi. *See* cubensis.
F. longaeva, Karw. Mexico. Bot. Mag. t. 5519.
F. macrophylla, Baker. Bahamas.
F. pubescens, Todaro. Trop. America.
F. Roezlii, André. *See* Bedinghausii.
F. Selloa, K. Koch. Mexico & Guatemala. Bot. Mag. t. 6148.
F. stricta, Jacobi. Trop. America.
F. tuberosa, Ait. Trop. America.
F. undulata, Jacobi. Mexico. Bot. Mag. t. 6160.

Gastronema, Herb. *See* Cyrtanthus.

Gethyllis, *L.*

- G. afra*, *L.* S. Africa. Bot. Reg. t. 1016.
G. ciliaris, *L.* S. Africa.
G. odorata, *Hort.* S. Africa.
G. plicata, *Hort.* S. Africa.
G. spiralis, *L.* S. Africa. Bot. Mag. t. 1088.

Griffinia, *Ker.*

- G. Blumenavia*, K. Koch. Brazil. Bot. Mag. t. 5666.
G. hyacinthina, *Herb.* Brazil. Bot. Reg. t. 163.
G. ornata, *Moore.* Brazil. Bot. Mag. t. 6367.

Habranthus, Herb. *See* Hippeastrum.

Haemanthus, *L.*

- H. abyssinicus*, Herb. *See* multiflorus.
H. albiflos, *Jacq.* S. Africa. Bot. Mag. t. 1239.
 Var. *pubescens*, *Herb.* Bot. Reg. t. 382.

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Haemanthus—cont.

H. albomaculatus, *Baker.* Natal.

H. amarylloides, *Jacq.* S. Africa. Hort. Schoen. iv. t. 408.

H. Baurii, *Baker.* S. Africa. Bot. Mag. t. 6875.

H. brevifolius, *Herb.* See *carneus*.

H. candidus, *Hort. Bull.* Natal.

H. carneus, *Gawl.* S. Africa. Bot. Mag. t. 3373.

H. cinnabarinus, *Dcsne.* W. Trop. Africa. Bot. Mag. t. 5314.

H. Clarkei, *W. Watson.* Garden hybrid (*albiflos* × *coccineus*).

H. coarctatus, *Jacq.* See *coccineus*.

H. coccineus, *L.* S. Africa. Bot. Mag. t. 1075.

Var. *coarctatus*, *Baker.*

H. incarnatus, *Burch.* S. Africa. Herb. Amaryll. 237, t. 31.

H. insignis, *Hook.* See *magnificus*.

H. Kalbreyeri, *Baker.* See *multiflorus*.

H. Katherinæ, *Baker.* Natal. Bot. Mag. t. 6778.

H. magnificus, *Herb.* Natal. Fl. Mag. 1875, t. 148.

Var. *insignis*, *Baker.* Bot. Mag. t. 4745.

Var. *superbus*, *Hort.*

H. Mannii, *Baker.* W. Trop. Africa. Bot. Mag. 6364.

H. multiflorus, *Martyn.* Trop. Africa. Bot. Mag. tt. 961, 1995, 3870.

H. natalensis, *Pappe.* Natal. Bot. Mag. t. 5378.

H. pubescens, *L.* S. Africa. Bot. Mag. t. 1523.

H. puniceus, *L.* S. Africa. Bot. Mag. t. 1315.

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Haemanthus—cont.

H. quadrivalvis, Jacq. See *pubescens*.

H. rotundifolius, Gawl. S. Africa. Bot. Mag. t. 1618.

H. Rouperi, Hort. See *magnificus*.

H. tigrinus, Jacq. S. Africa. Bot. Mag. t. 1705.

Hessea, Herb.

H. crispa, Kunth. S. Africa. Bot. Reg. t. 1383.

H. gemmata, Benth. S. Africa. Bot. Mag. t. 1620.

H. undulata, Hort. See *Strumaria undulata*.

Hippeastrum, Herb.

H. Ackermanni, Hort. Garden hybrid.

H. advenum, Herb. Chili. Bot. Mag. t. 1125.

H. andreanum, Hort. Jamaica (non Baker). See *Amaryllis Belladonna*.

H. aulicum, Herb. Brazil. Bot. Mag. t. 3311.

H. bicolor, Baker. Chili. Bot. Mag. t. 2399.

H. bifidum, Baker. Buenos Ayres. Bot. Mag. t. 2599.

H. brachyandrum, Baker. Parana. Bot. Mag. t. 7344.

H. equestre, Herb. Trop. America. Bot. Mag. t. 305.

H. Leopoldii, Dombrain. Peru. Fl. Mag. t. 4756.

H. pardinum, Dombrain. Peru. Bot. Mag. t. 5645.

H. perilitum, Hort.

H. pratense, Baker. Chili. Bot. Reg. 1842, t. 35.

H. procerum, Lem. Brazil. Bot. Mag. t. 5883.

H. psittacinum, Herb. Brazil. Bot. Reg. t. 199.

H. Reginae, Herb. S. America. Bot. Mag. t. 453.

The first part of the paper is devoted to the study of the properties of the function $f(x)$ defined by the equation

$$f(x) = \frac{1}{2} \left(f\left(\frac{x}{2}\right) + f\left(\frac{x+1}{2}\right) \right)$$

It is shown that the function $f(x)$ is continuous and that it satisfies the functional equation

$$f(x) = \frac{1}{2} \left(f\left(\frac{x}{2}\right) + f\left(\frac{x+1}{2}\right) \right)$$

The second part of the paper is devoted to the study of the properties of the function $g(x)$ defined by the equation

$$g(x) = \frac{1}{2} \left(g\left(\frac{x}{2}\right) + g\left(\frac{x+1}{2}\right) \right)$$

It is shown that the function $g(x)$ is continuous and that it satisfies the functional equation

Hippeastrum—*cont.*

H. reticulatum, *Herb.* Brazil. Bot. Mag. t. 657.

Var. *striatifolium*, *Baker.* Bot. Mag. t. 2513.

H. Roezlii, *Baker.* Bolivia.

H. solandraeflorum, *Herb.* Brazil. Bot. Mag. t. 2573.

H. stylosum, *Herb.* Brazil. Bot. Mag. t. 2278.

H. vittatum, *Herb.* Peru. Bot. Mag. t. 129.

Numerous garden hybrids.

Hymenocallis, *Salisb.*

H. acutifolia, *Herb.* See *littoralis*.

H. adnata, *Herb.* See *littoralis*.

H. Amancaes, *Nichols.* Peru. Bot. Mag. t. 1224.

H. andreana, *Nichols.* Ecuador.

H. calathina, *Nichols.* Peru & Bolivia. Bot. Mag. t. 2685.

H. caribaea, *Herb.* W. Indies. Bot. Mag. t. 826.

Var. *patens* (*Redouté*).

H. concinna, *Baker.* Mexico.

H. eucharidifolia, *Baker.* Trop. America.

H. expansa, *Herb.* W. Indies. Bot. Mag. t. 1941.

H. glauca, *Roem.* Mexico.

H. guianensis, *Herb.* See *tubiflora*.

H. harrisiana, *Herb.* Mexico. Bot. Mag. t. 6562.

H. lacera, *Salisb.* S. United States. Bot. Mag. t. 827.

H. littoralis, *Salisb.* Trop. America. Trans. Linn. Soc.
ii. 74. t. 13.

H. macleana, *Nichols.* Peru. Bot. Mag. t. 3675.

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$$\phi(\sigma) = \frac{1}{\sigma} \frac{\partial \phi}{\partial \sigma}$$

Hymenocallis—*cont.*

- H. macrostephana*, *Baker*. Probably garden hybrid.
Bot. Mag. t. 6436.
- H. ovata*, *Roem.* W. Indies. Bot. Mag. t. 1467.
- H. senegambica*, *Kunth.* West Trop. Africa.
- H. speciosa*, *Salisb.* W. Indies. Bot. Mag. t. 1453.
- H. tubiflora*, *Salisb.* S. America. Bot. Reg. t. 265.
- H. undulata*, *Herb.* Venezuela.

Hypoxis, *L.*

- H. angustifolia*, *Lam.* S. Africa.
- H. colchicifolia*, *Baker.* S. Africa.
- H. decumbens*, *Lam.* See *villosa*.
- H. elata*, *Hook, f.* See *hemerocallidea*.
- H. elegans*, *Andr.* See *stellata*.
- H. erecta*, *L.* N. America.
- H. flavescens*, *Ecklon.* S. Africa.
- H. hemerocallidea*, *Fisch.* S. Africa. Bot. Mag. t. 5690.
- H. latifolia*, *Baker.* S. Africa. Bot. Mag. t. 4817.
- H. longifolia*, *Baker.* S. Africa. Bot. Mag. t. 6035.
- H. multiceps*, *Buching.* S. Africa.
- H. obtusa*, *Burch.* S. Africa. Bot. Reg. t. 159.
- H. pannosa*, *Baker.* See *villosa*.
- H. regia*, *Hort.*
- H. Rooperii*, *Moore.* S. Africa. Lem. Jard. Fleur. t. 303.
- H. scabra*, *Lodd.* See *villosa*.
- H. sobolifera*, *Jacq.* See *villosa*.
- H. serrata*, *L.* S. Africa. Bot. Mag. t. 709.

Hypoxis —*cont.*

H. stellata, *L.* S. Africa.

Var. *elegans*, *Pers.* Bot. Mag. t. 1223.

H. villosa, *L.* S. Africa. Bot. Mag. t. 711.

Imantophyllum, *Hook.* See *Clivia*.

Ismene, *Salisb.* See *Hymenocallis*.

Leontochir, *Phil.*

L. Ovallei, *Phil.* Chili. Hook. Ic. t. 1389.

Lycoris, *Herb.*

L. aurea, *Herb.* China. Bot. Mag. t. 409.

L. radiata, *Herb.* China & Japan. Bot. Reg. t. 596.

L. sanguinea, *Maxim.* Japan.

L. Sewerzowii, *Regel.* See *Ungernia trisphaera*.

L. squamigera, *Maxim.* Japan.

Nerine, *Herb.*

N. appendiculata, *Baker.* Natal.

N. corusca, *Herb.* See *sarniensis*.

N. crispa, *Hort.* See *undulata*.

N. curvifolia, *Herb.* S. Africa. Bot. Mag. t. 725.

Var. *Fothergilli*, *Baker.* Bot. Rep. t. 163.

N. Elwesii, *Leichtlin.* See *pudica*, var.

N. filifolia, *Baker.* S. Africa. Bot. Mag. t. 6547.

N. flexuosa, *Herb.* S. Africa. Bot. Reg. t. 172.

Var. *angustifolia*, *Baker.*

Var. *pulchella*, *Baker.* Bot. Mag. t. 2407.

N. Fothergilli, *Roem.* See *curvifolia*.

N. humilis, *Jacq.* S. Africa. Bot. Mag. t. 726.

Nerine—*cont.*

N. japonica, Miq. See *Lycoris radiata*.

N. Moorei, *Leichtlin*. S. Africa.

N. pancratioides, *Baker*. S. Africa.

N. Plantii, Hort. See *sarniensis*.

N. pudica, *Hook. f.* S. Africa. Bot. Mag. t. 5901.

Var. *Elwesii*, *Baker*.

N. sarniensis, *Herb.* S. Africa. Bot. Mag. t. 294.

N. undulata, *Herb.* S. Africa. Bot. Mag. t. 369.

The following are garden hybrids:—

N. amabilis (*pudica* × *humilis*).

N. atrorubens.

N. atrosanguinea (*Plantii* × *flexuosa*).

N. Camii (*curvifolia* × *undulata*).

N. cinnabarina (*Fothergilli* × *flexuosa*).

N. elegans (*flexuosa* × *rosea*).

N. excellens (*flexuosa* × *humilis*).

N. Mansellii (*flexuosa* × *Fothergilli*).

N. Meadowbankii (*sarniensis* × *Fothergilli*).

N. O'Brieni (*pudica* × *Plantii*).

Pancratium, *L.*

P. aegyptiacum, *Roem.* Egypt.

P. arabicum, *Sickenb.* Egypt and Arabia.

P. canariense, *Ker.* Canary Islands. Bot. Reg. t. 174.

P. collinum, *Cos.* Algeria.

P. foetidum, *Hort.*

Chapter 9

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Pancratium—*cont.*

P. illyricum, *L.* S. Europe. Bot. Mag. t. 718.

P. maritimum, *L.* Mediterranean Region. Bot. Reg. t. 61.

P. parviflorum, *Desf.* See *Vagaria parviflora*.

P. Saharæ, *Cos.* Sahara.

P. Sickenbergeri, *Aschers.* Egypt and Arabia.

P. tortuosum, *Herb.* Arabia and Egypt.

P. verecundum, *Ait.* N. India. Bot. Reg. t. 413.

P. zeylanicum, *L.* Trop. Asia. Bot. Mag. t. 2538.

See also under *Hymenocallis*.

Pentlandia, *Herb.* See *Urceolina*.

Phaedranassa, *Herb.*

P. Carmioli, *Baker.* Costa Rica. Ref. Bot. t. 46.

P. chloracra, *Herb.* Ecuador. Bot. Reg. 1845. t. 17.

P. fuchsoides, *Hort.* See *chloracra*.

P. gloriosa, *Hort.* Trop. America.

P. Lehmanni, *Regel.* Colombia, Gartenfl. xxxii. t. 1138.

P. obtusa, *Herb.* See *chloracra*.

P. schizantha, *Baker.* Ecuador.

P. ventricosa, *Baker.* See *chloracra*.

P. viridiflora, *Baker.* Ecuador.

Phycella, *Lindl.* See *Hippeastrum*.

Placea, *Miers.*

P. lutea, *Phil.* Chili.

Plagiolirion, *Baker.*

P. Horsmanni, *Baker.* Colombia.

Polianthes, L.

P. tuberosa, L. Mexico. Bot. Mag. t. 1817.

Prochnyanthes, S. Wats.

P. bulliana, Baker. Mexico. Bot. Mag. t. 7427.

Roezlia, Hort. See Furcraea.

R. regia, Hort. See Furcraea Bedinghausii.

Sprekelia, Heist.

S. formosissima, Herb. Mexico and Guatemala. Bot. Mag. t. 47.

Stenomesson, Herb.

S. aurantiacum, Herb. Ecuador. Bot. Reg. 1844, t. 42.

S. Hartwegii, Lindl. See aurantiacum.

S. incarnatum, Baker. S. America.

Var. *fulvum, Hort.*

Var. *trichromum, Hort.*

Var. *lineatum, Hort.*

Var. *quitense, Hort.*

S. luteoviride, Baker. Ecuador. Bot. Mag. t. 6508.

S. Pearcei, Baker. Peru. Ref. Bot. t. 308.

S. stramineum, Hort. W. Trop. America.

S. suspensum, Baker. Peru. Ref. Bot. t. 42.

S. viridiflorum, Benth. Peru. Bot. Mag. t. 3866.

Strumaria, Jacq.

S. crispa, Ker. See Hessea crispa.

S. gemmata, Ker. See Hessea gemmata.

S. undulata, Jacq. S. Africa. Jacq. Ic. ii. t. 360.

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Ungernia, Bunge.

U. trisphaera, Bunge. N. India. Gartenfl. t. 914.

Urceocharis, Masters (Eucharis × Urceolina).

U. Clibrani. Garden hybrid (*E. grandiflora* × *U. pendula*).

Urceolina, Reichb.

U. aurea, Lindl. See *pendula*.

U. miniata, Benth. Peru & Bolivia. Bot. Reg. 1839, t. 68.

U. pendula, Herb. Peru. Bot. Mag. t. 5464.

Vagaria, Herb.

V. parviflora, Herb. Syria. Red. Lil. t. 471.

Vallota, Herb.

V. purpurea, Herb. S. Africa. Bot. Mag. t. 1430.

Var. *magnifica, Hort.*

Var. *superba, Hort.*

Vellozia, Vand.

V. candida, Mikan. Brazil.

V. compacta, Mart. Brazil.

V. elegans, Talbot. S. Africa. Bot. Mag. t. 5803.

V. equisetoides, Baker. S. Africa.

V. phalocarpa, Pohl. Brazil.

V. retinervis, Baker. S. Africa.

*Xerophyta, Juss. See Vellozia.**Zephyranthes, Herb.*

Z. Andersoni, Baker. Monte Video. Bot. Reg. t. 1345.

Z. andicola, Baker. Chili.

Z. Atamasco, Herb. United States. Bot. Mag. t. 239.

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Zephyranthes--cont.

- Z. candida*, *Herb.* La Plata. Bot. Mag. t. 2657.
Z. carinata, *Herb.* W. Indies. Bot. Mag. t. 2594.
Z. citrina, *Baker.* ? Demerara. Bot. Mag. t. 6605.
Z. chloroleuca, *Herb.* ? Trop. America.
Z. grandiflora, *Lindl.* See *carinata*.
Z. lilacina, *Liebm.* Mexico.
Z. lindleyana, *Herb.* Mexico.
Z. mesochloa, *Herb.* Buenos Ayres. Bot. Reg. t. 1361.
Z. robusta, *Baker.* Buenos Ayres. Lodd. Bot. Cat. t. 1761.
Z. rosea, *Lindl.* Cuba. Bot. Mag. t. 2537.
Z. texana, *Herb.* Texas. Bot. Mag. t. 3596.
Z. Treatiae, *S. Wats.* Florida.
Z. tubispatha, *Herb.* W. Indies and Colombia. Bot. Mag. t. 1586.
Z. verecunda, *Herb.* Mexico. Bot. Mag. t. 2583.
Z. versicolor, *Baker.* Maldonado. Bot. Mag. t. 2485.
Z. vestita, *Hort.* ? Trop. America.

Taccaceae.

Ataccia, *Presl.* See *Tacca*.

Tacca, *Forst.*

- T. artocarpifolia*, *Seem.* Madagascar. Bot. Mag. t. 6124.
T. cristata, *Jacq.* Malaya. Bot. Mag. t. 4587.
T. palmata, *Blume.* Java.
T. pinnatifida, *Forst.* Trop. Asia.
T. viridis, *Hemsl.* India.

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Dioscoreaceae.**Dioscorea, L.**

D. alata, L. India. Wight Ic. t. 810.

D. brasiliensis, Willd. Brazil.

D. marmorata, Hort. Trop. America.

D. multicolor, Lind. & André. Brazil.

Var. *chrysophylla*, Hort.

Var. *melanolana*, Hort.

D. pentaphylla, L. India and Africa. Jacq. Ic. t. 627.

D. prehensilis, Benth. Trop. Africa.

D. quinqueloba, Thunb. Japan.

D. retusa, Mast. S. Africa.

D. rhipogonoides, Oliver. Hong Kong. Hook. Icones, t. 1868.

D. sativa, L. Tropics. Wight Ic. t. 878.

D. sinuata, Vel. Brazil. Fl. Bras. x. t. 129.

D. transversa, R. Br. Australia.

Testudinaria, Salisb.

T. Elephantipes, Burch. S. Africa. Bot. Mag. t. 1347.

T. sylvatica, Kunth. S. Africa.

Trichopus, Gaertn.

T. zeylanicus, Gaertn. India. Bot. Mag. t. 7350.

Roxburghiaceae.

Roxburghia, Banks. See *Stemona*.

R. viridiflora, Smith. See *Stemona tuberosa*.

THE UNITED STATES OF AMERICA
DO hereby certify that

the following is a true and correct copy of the original as the same appears in the records of the

Department of the Interior

at Washington, D. C.

This certificate is given in accordance with the provisions of the Act of March 3, 1879, (20 Stat. 411), and the Act of March 3, 1877, (19 Stat. 625).

IN WITNESS WHEREOF, the Secretary of the Interior has hereunto set his hand and the seal of the Department of the Interior at Washington, D. C., this _____ day of _____, 19____.

Secretary of the Interior

DEPARTMENT OF THE INTERIOR

OFFICE OF THE SECRETARY

WASHINGTON, D. C.

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Stemona, Lour.

S. Curtisii, Hook. f. India. Bot. Mag. t. 7254.

S. tuberosa, Lour. India and China. Bot. Mag. t. 1500.

Liliaceae.

Agapanthus, L'Herit.

A. minor, Lodd. See *umbellatus*.

A. mooreanus, Baker. See *umbellatus*.

A. umbellatus, L'Herit. S. Africa. Bot. Mag. t. 500.

Var. *alba, Hort.*

Var. *flore pleno, Hort.*

Var. *maximus, Hort.*

Var. *minor (Lodd).*

Var. *mooreanus (Baker).*

Var. *variegatus, Hort.*

Albuca, L.

A. angolensis, Welw. Angola. Ref. Bot. t. 336.

A. angustifolia, Hort.

A. aurea, Jacq. S. Africa. Jacq. Ic. t. 441.

A. Buchanani, Baker. Trop. Africa.

A. caudata, Jacq. S. Africa. Ref. Bot. t. 45.

A. corymbosa, Baker. S. Africa.

A. fastigiata, Dry. S. Africa. Bot. Reg. t. 277.

A. juncifolia, Baker. S. Africa.

A. major, L. S. Africa. Bot. Mag. t. 804.

A. Melleri, Baker. Zambesia.

A. minor, L. S. Africa. Bot. Mag. t. 720.

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Albuca—*cont.*

- A. Nelsoni**, *N. E. Br.* Natal. Bot. Mag. t. 6649.
A. polyphylla, *Baker.* S. Africa.
A. tenuifolia, *Baker.* S. Africa. Ref. Bot. t. 335.
A. vittata, *Ker.* See *Ornithogalum vittatum*.
A. Wakefieldii, *Baker.* S. Africa. Bot. Mag. t. 6429.

Aloe, *L.*

- A. abyssinica**, *Lam.* Abyssinia.
A. africana, *Mill.* S. Africa. Bot. Mag. t. 2517.
A. agavaefolia, *Tod.* Trop. Africa. Hort. Bot. Panorm. i. 85. t. 23.
A. albisipina, *Haw.* S. Africa.
A. albocincta, *Haw.* See *striata*.
A. albocincta × **grandidentata**. Garden hybrid.
A. arborescens, *Mill.* S. Africa. Bot. Mag. t. 1306.
 Var. frutescens (Salm-Dyck).
A. aristata, *Haw.* S. Africa.
A. Atherstonei, *Baker.* See *pluridens*.
A. aurantiaca, *Baker.* S. Africa.
A. Bainesii, *Dyer.* S. Africa. Bot. Mag. t. 6848.
A. barbadensis, *Mill.* See *vera*.
A. Barberae, *Dyer.* See *Bainesii*.
A. Barteri, *Baker.* W. Trop. Africa.
A. Bolusii, *Baker.* See *africana*.
A. borbonensis, *Hort.* Garden hybrid.
A. brachystachys, *Baker.* Zanzibar. Bot. Mag. t. 7399.
A. brevifolia, *Mill.* S. Africa. Bot. Reg. t. 996.

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Aloe—*cont.*

- A. Brownii**, *Baker.* S. Africa.
A. Buchanani, *Baker.* Trop. Africa.
A. caesia, *Salm-Dyck.* S. Africa.
A. Camperi, *Schweinf.* Abyssinia.
A. capitata, *Baker.* Madagascar. Hort. Bot. Panorm. t. 36.
A. cernua, *Tod.* See *capitata*.
A. chinensis, *Baker.* China. Bot. Mag. t. 6301.
A. ciliaris, *Haw.* S. Africa. Salm-Dyck Aloe, sect. xxv. fig. 1.
A. concinna, *Baker.* Zanzibar.
A. consobrina, *Salm-Dyck.* S. Africa. Salm-Dyck Aloe, sect. xviii. fig. 3.
A. Cooperi, *Baker.* S. Africa. Bot. Mag. t. 6377.
A. Croucheri, *Hook. f.* See *Gasteria Croucheri*.
A. dichotoma, *L.* Namaqualand. Gard. Chron. 1874, 567, fig. 118-121.
A. drepanophylla, *Baker.* S. Africa.
A. elegans, *Tod.* Abyssinia. Hort. Bot. Panorm. ii. t. 29.
A. falcata, *Baker.* S. Africa.
A. ferox, *Mill.* S. Africa. Bot. Mag. t. 1975.
A. frutescens, *Salm-Dyck.* See *arborescens*.
A. gasterioides, *Baker.* S. Africa.
A. glauca, *Mill.* S. Africa.
A. grandidentata, *Salm-Dyck.* S. Africa.
A. Greenii, *Baker.* S. Africa. Bot. Mag. t. 6520.
A. hanburyana, *Naud.* See *striata*.
A. heteracantha, *Baker.* S. Africa. Bot. Mag. t. 6863.

1. The first part of the book is devoted to a general introduction to the subject of the history of the English language.

2. The second part of the book is devoted to a detailed account of the development of the English language from its earliest forms to the present day.

3. The third part of the book is devoted to a study of the influence of foreign languages on the English language.

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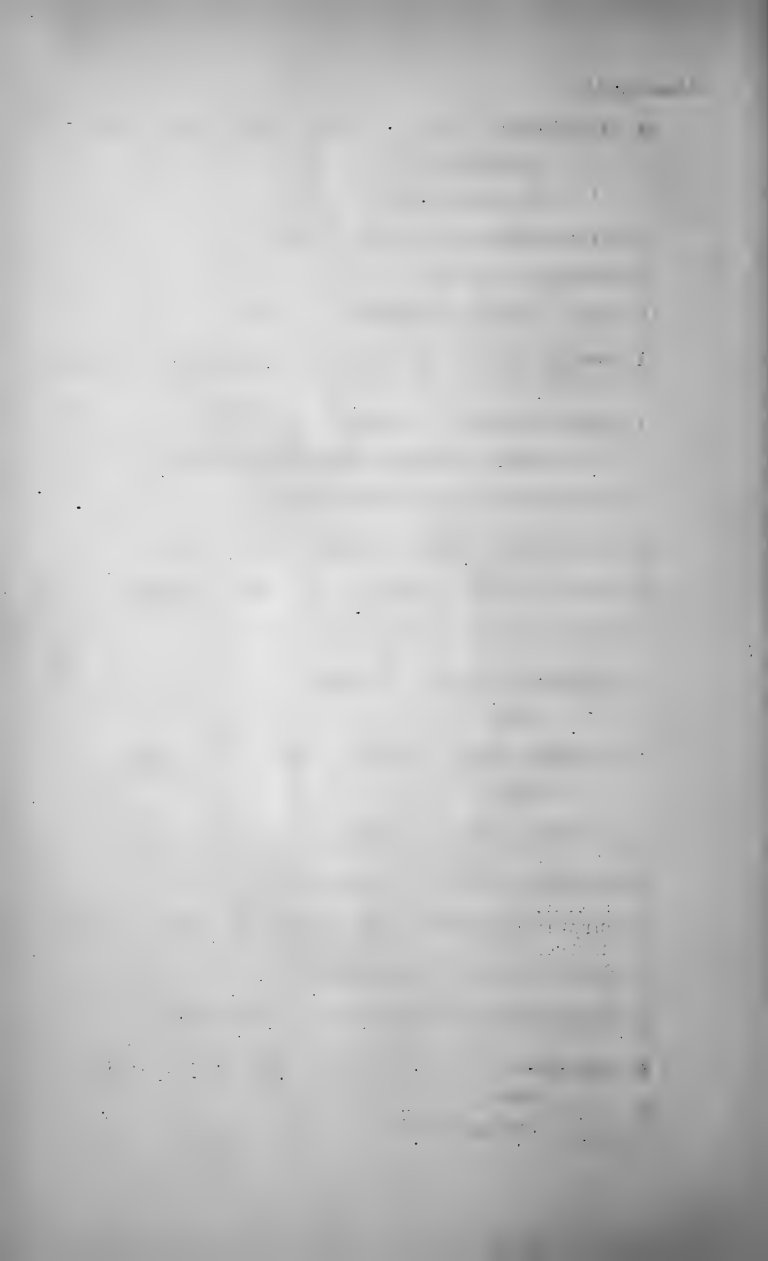
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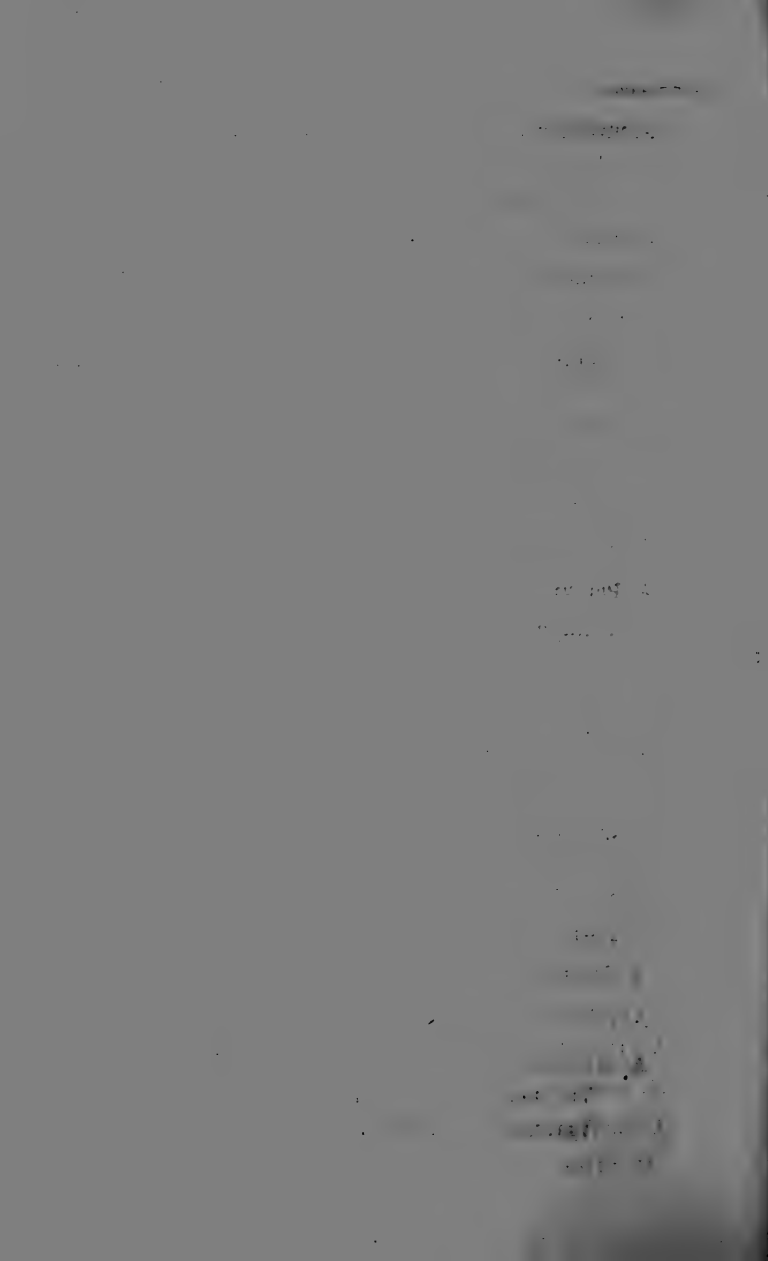
Aloe—*cont.*

- A. Hildebrandtii*, *Baker*. E. Trop. Africa. Bot. Mag. t. 6981.
- A. humilis*, *Mill*. S. Africa. Bot. Mag. tt. 757, 828.
Var. *echinata* (*Willd.*).
Var. *incurva* (*Haw.*).
Var. *subtuberculata* (*Haw.*).
- A. imbricata*, *Hort*. Garden hybrid. (*A. aristata* × *Gasteria trigona*.)
- A. inermis*, *Forsk.* Arabia.
A. inermis, *Hort.* See *heteracantha*.
- A. Kirkii*, *Baker*. E. Trop. Africa. Bot. Mag. t. 7386.
- A. Lanzae*, *Hort.* See *chinensis*.
- A. latifolia*, *Haw.* S. Africa. Bot. Mag. t. 1346.
- A. leptophylla*, *N. E. Br.* S. Africa.
- A. lineata*, *Haw.* S. Africa. Salm-Dyck Aloe, sect. xvii. fig. 1.
- A. longiflora*, *Baker*. S. Africa.
- A. Luntii*, *Baker*. S. Arabia. Bot. Mag. t. 7448.
- A. Lynchii*, *Baker*. Garden hybrid. (*A. striata* × *Gasteria verrucosa*.)
- A. Macowani*, *Baker*. S. Africa.
- A. macracantha*, *Baker*. S. Africa. Bot. Mag. t. 6550.
- A. macrocarpa*, *Tod.* Abyssinia. Hort. Bot. Panorm. 36, t. 9.
- A. macrosiphon*, *Baker*. Trop. Africa.
- A. marmorata*, *Hort.* Garden hybrid.
- A. micracantha*, *Haw.* S. Africa. Bot. Mag. t. 2272.
- A. microstigma*, *Salm-Dyck*. S. Africa. Salm-Dyck Aloe, sect. xxvi. fig. 4.



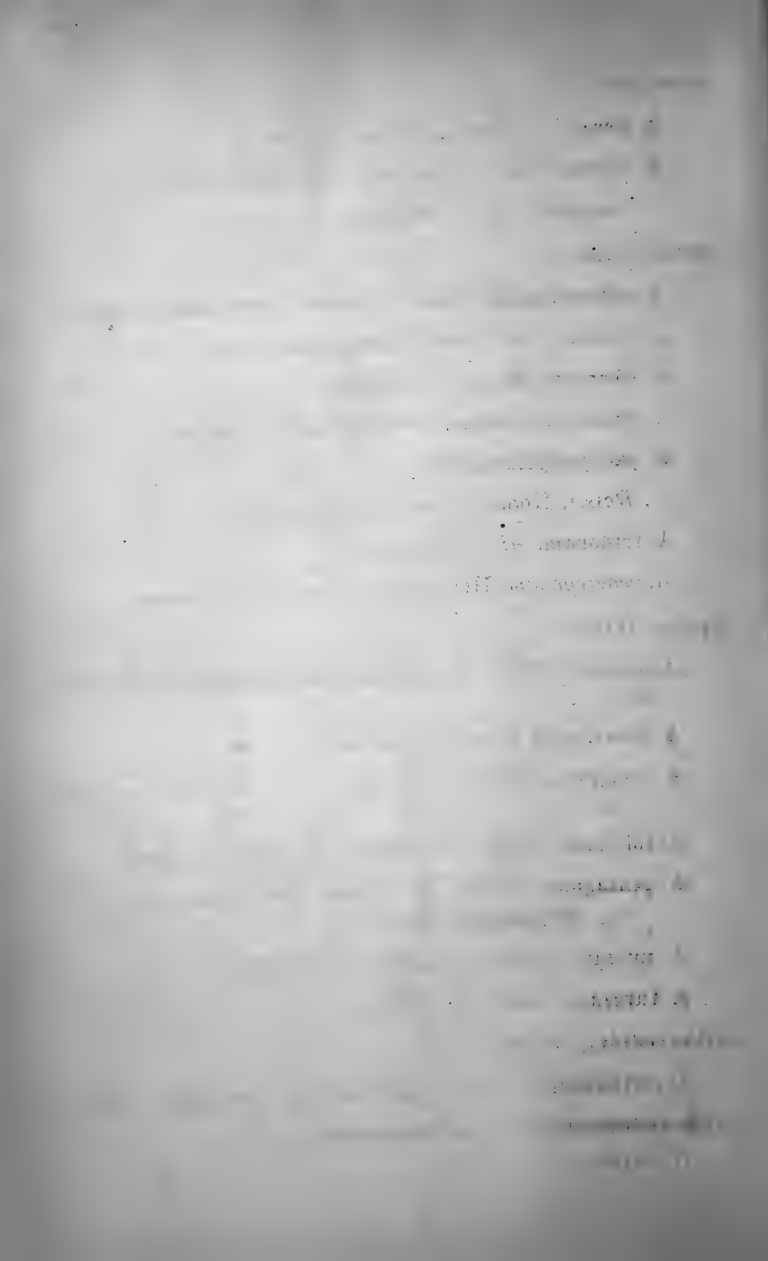
Aloe—*cont.*

- A. mitriformis*, *Mill.* S. Africa. Bot. Mag. t. 1270.
 Var. *flavisipina* (*Haw.*).
 Var. *spinulosa* (*Salm-Dyck*).
A. myriacantha, *Roem.* S. Africa.
A. neglecta, *Tenore*.
A. nitens, *Baker.* S. Africa.
A. nobilis, *Haw.* S. Africa. Salm-Dyck Aloe, sect. xxiv. fig. 7.
A. obscura, *Mill.* S. Africa.
 Var. *picta* (*Thunb.*). Bot. Mag. t. 1323.
A. paniculata, *Jacq.* See *striata*.
A. penduliflora, *Baker.* Zanzibar.
A. Perryi, *Baker.* Socotra. Bot. Mag. t. 6596.
A. picta, *Thunb.* See *obscura*.
A. platylepis, *Baker.* S. Africa.
 Var. *lutea*.
A. plicatilis, *Mill.* S. Africa. Bot. Mag. t. 457.
 Var. *major*.
A. pluridens, *Haw.* S. Africa.
A. pratensis, *Baker.* S. Africa.
A. purpurascens, *Haw.* S. Africa. Bot. Mag. t. 1474.
A. Rebutii, *Hort.* Garden hybrid.
A. rubro-violacea, *Schweinf.* Southern Arabia.
A. saponaria, *Haw.* S. Africa. Bot. Mag. t. 1460.
 Var. *maculata* (*Lam.*).
 Var. *variegata*, *Hort.*



Aloe—*cont.*

- A. Schimperi*, *Todaro*. Abyssinia. Hort. Bot. Panorm. i. 70, t. 16.
- A. Schweinfurthii*, *Baker*. Upper Nile-land.
- A. Serra*, *DC.* S. Africa.
- A. serrulata*, *Haw.* S. Africa. Bot. Mag. t. 1415.
- A. setosa*, *Roem & Schultes.* See *Haworthia setata*.
- A. simoniana*, *Hort.* Garden hybrid. (*A. longiaristata* × *Gasteria disticha*.)
- A. smaragdina*, *Hort.* Garden hybrid.
- A. speciosa*, *Baker.* S. Africa.
- A. spicata*, *Linn. f.* S. Africa.
- A. stenostachya*, *Todaro.* See *chinensis*.
- A. Steudneri*, *Schweinf.* Abyssinia.
- A. striata*, *Haw.* S. Africa.
Var. *rhodocincta*.
- A. striatula*, *Haw.* S. Africa.
- A. subtuberculata*, *Haw.* See *humilis*.
- A. succotrina*, *Lam.* S. Africa. Bot. Mag. t. 472.
- A. supralaevis*, *Haw.* S. Africa. Salm-Dyck Aloe, sect. xxvii. fig. 6.
- A. tenuifolia*, *Lam.* E. Trop. Africa.
- A. tenuior*, *Haw.* S. Africa. Salm-Dyck Aloe, sect. xxv. fig. 3.
- A. Thraskii*, *Baker.* S. Africa.
- A. tricolor*, *Baker.* S. Africa. Bot. Mag. t. 6324.
- A. umbellata*, *D.C.* See *saponaria*.
- A. variegata*, *L.* S. Africa. Bot. Mag. t. 513.



Aloe—*cont.*

A. vera, *L.* Mediterranean Region.

A. virens, *Haw.* S. Africa. Bot. Mag. t. 1355.

A. vulgaris, *Lam.* See *vera*.

Anthericum, *L.*

A. echeandioides, *Baker.* Mexico? Bot. Mag. t. 6809.

A. elatum, *Ait.* See *Chlorophytum elatum*.

A. Gerrardi, *Baker.* S. Africa.

A. Hookeri, *Colenso.* See *Bulbinella Hookeri*.

A. pachyphyllum, *Baker.* S. Africa.

A. Rossii, *Hook f.* See *Bulbinella Rossii*.

A. triflorum, *Ait.* S. Africa.

A. variegatum, *Hort.* See *Chlorophytum elatum*.

Apicra, *Willd.*

A. aspera, *Willd.* S. Africa. Salm-Dyck *Aloe*, sect. ii. fig. 2.

A. bicarinata, *Haw.* S. Africa.

A. congesta, *Baker.* S. Africa. Salm-Dyck *Aloe*, sect. ii. fig. 1.

A. foliolosa, *Willd.* S. Africa. Bot. Mag. t. 1352.

A. pentagona, *Willd.* S. Africa. Bot. Mag. t. 1338.

Var. *Willdenovii*, *Baker.*

A. spiralis, *Baker.* S. Africa. Bot. Mag. t. 1455.

A. turgida, *Baker.* S. Africa.

Arthropodium, *R. Br.*

A. cirrhatum, *R. Br.* New Zealand. Bot. Mag. t. 2350.

Asparagopsis, *Kunth.* See *Asparagus*.

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Asparagus, L.

A. aethiopicus, L. S. Africa.

A. Cooperi, Baker. S. Africa.

A. crispus, Lam. S. Africa.

A. declinatus, L. S. Africa.

A. decumbens, Jacq. See *crispus*.

A. falcatus, L. Trop. Asia and Africa. Ref. Bot. t. 261.

A. laricinus, Burchell. S. Africa.

A. lucidus, Lindl. China and Japan.

A. medeoloides, Thunb. S. Africa. Red. Lil. t. 442.

A. plumosus, Baker. S. Africa.

Var. *albanensis, Hort.*

Var. *cristatus, Hort.*

Var. *nanus, Hort.*

Var. *tenuissimus, Hort.*

A. racemosus, Willd. Trop. Asia and Africa.

Var. *tetragonus, Baker.*

A. reflexus, Hort.

A. retrofractus, L. S. Africa.

A. sarmentosus, L. S. Africa.

A. scandens, Thunb. S. Africa. Ref. Bot. t. 21.

A. schoberioides, Kunth. Japan.

A. Sprengeri, Regel. Natal.

A. tetragonus, Presl. See *racemosus*.

A. umbellatus, Sieb. Mauritius.

A. virgatus, Baker. S. Africa. Ref. Bot. t. 214.

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Aspidistra, *Gawl.*

A. elatior, *Blume*. Japan.

A. lurida, *Ker.* China. Bot. Mag. t. 2499.

Var. *punctata* (*Lindl.*). Bot. Reg. t. 977.

Var. *variegata*, *Hort.*

A. typica, *Baill.* China. Bot. Mag. t. 7484.

Astelia, *Banks.*

A. Banksii, *A. Cunn.* New Zealand.

A. montana, *Seem.* Fiji.

A. nervosa, *Banks.* New Zealand.

A. spicata, *Colenso.* New Zealand.

Beaucarnea, *Lem.* See *Nolina*.

Behnia, *Didrichs.*

B. reticulata, *Didrichs.* S. Africa. Bot. Mag. t. 5638.

Bessera, *Schult.*

B. elegans, *Schult.* Mexico. Bot. Mag. 1839, t. 34.

Blandfordia, *Sm.*

B. aurea, *Hook. f.* Australia. Bot. Mag. t. 5809.

B. Cunninghamii, *Lindl.* Australia. Bot. Mag. t. 5734.

B. flammea, *Lindl.* Australia. Bot. Mag. t. 4819.

B. marginata, *Herb.* Australia.

B. nobilis, *Sm.* Australia. Bot. Mag. t. 2003.

Bowiea, *Haw.*

B. volubilis, *Haw.* S. Africa. Bot. Mag. t. 5619.

Bulbine, *L.*

B. alooides, *Willd.* S. Africa. Bot. Mag. t. 1317.

B. bulbosa, *Haw.* Australia. Bot. Mag. t. 3017.

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Bulbine—*cont.*

B. caulescens, *L.* S. Africa. Bot. Mag. t. 816.

B. latifolia, *Schult.* S. Africa.

B. mesembryanthemoides, *Haw.* S. Africa.

B. pugioniformis, *Link.* S. Africa. Bot. Mag. t. 1454.

B. rostrata, *Willd.* S. Africa. Jacq. Ic. ii. t. 403.

Bulbinella, *Kunth.*

B. Hookeri, *Baker.* New Zealand. Bot. Mag. t. 4602.

B. Rossii, *Baker.* New Zealand. Hook. Fl. Ant. i. t. 44.

Callixene, *Juss.* See *Luzuriaga*.

Chamaescilla, *F. Muell.*

C. corymbosa, *F. Muell.* Australia.

Chlorophytum, *Ker.*

C. Bowkeri, *Baker.* S. Africa.

C. brachystachyum, *Baker.* Nyasaland.

C. comosum, *Baker.* S. Africa.

C. elatum, *R. Br.* S. Africa. Ref. Bot. t. 216.

Var. *variegatum*, *Hort.*

C. glaucum, *Dalz.* India.

C. longifolium, *Schweinf.* Abyssinia.

C. macrophyllum, *Aschers.* Trop. Africa.

C. nepalense, *Baker.* India. Bot. Reg. t. 988.

C. orchidastrum, *Lindl.* Trop. Africa. Bot. Reg. t. 183.

Chrysobactron, *Hook. f.* See *Bulbinella*.

Cohnia, *Kunth.* See *Cordyline*.

Cordyline, Comm.

C. australis, *Hook, f.* New Zealand. Bot. Mag. t. 5636.

Var. *lineata*, *Hort.*

Var. *Doucettii*, *Hort.*

Var. *lentiginosa*, *Linden.* Ill. Hort. t. 35.

C. Banksii, *Hook. f.* New Zealand. Gartenfl. t. 344.

C. Baueri, *Hook. f.* See *obtecta*.

C. calocoma, *Hort.* See *australis*.

C. cannaefolia, *R. Br.* See *terminalis*, var.

C. colossea, *Hort.*

C. congesta, *Endl.* See *stricta*.

C. Doucettii, *Hort.* See *australis*, var.

C. erythrorachis, *Hort.* See *Banksii*.

C. floribunda, *K Koch.* Mauritius.

C. Forsteri, *F. Muell.* See *australis*.

C. haageana, *K. Koch.* Australia.

C. Hookeri, *T. Kirk.* New Zealand.

C. indivisa, *Kunth.* New Zealand.

C. indivisa, *Regel.* See *australis*.

C. lentiginosa, *Linden.* See *australis*, var.

C. mauritiana (*Cohnia mauritiana*, *Baker*). Bourbon.

C. nutans, *Hort.* Hab — ?

C. obtecta, *Baker.* Norfolk Island. Bot. Mag. t. 2835.

C. Pumilio, *Hook. f.* New Zealand.

C. rubra, *Hugel.* Hab — ? Gartenfl. 1859, t. 447.

C. stricta, *Endl.* Australia.

C. stricta, *Hook, f.* See *Pumilio*.

Cordyline— cont.

C. Sturmii, *Colenso*. New Zealand.

C. superbiens, *K. Koch.* See *australis*.

C. terminalis, *Kunth.* Trop. Asia. Red. Lil. t. 91.

Var. *cannaefolia* (*R. Br.*).

Var. *ferrea*, *Baker.* Bot. Mag. t. 2053.

Numerous garden forms.

C. Veitchii, *Regel.* See *australis*.

Danaë, *Medic.* See *Semele*.

D. androgyna, *Webb.* See *Semele androgyna*.

Dasyilirion, Zucc.

D. acrotrichum, *Zucc.* Mexico. Bot. Mag. t. 5030.

D. glaucophyllum, *Hook.* Mexico. Bot. Mag. t. 5041.

D. glaucum, *Zucc.* See *glaucophyllum*.

D. hartwegianum, *Hook.* See *Hookeri*.

D. Hookeri, *Lem.* Mexico. Bot. Mag. t. 5099.

D. Palmeri, *Hort.* See *Nolina Palmeri*.

D. quadrangulatum, *S. Wats.* Mexico.

D. serratifolium, *Karw.* Mexico.

D. Wheeleri, *S. Wats.* Mexico.

Dianella, D. Lam.

D. aspera, *Regel.* Tasmania.

D. caerulea, *Sims.* Australia. Bot. Mag. t. 505.

D. elegans, *F. Muell.* See *laevis*.

D. ensifolia, *Red.* Old World Tropics. Bot. Mag. t. 1404.

D. laevis, *R. Br.* Australia. Bot. Reg. t. 751.

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Dianella—*cont.*

D. longifolia, R. Br. *See* *laevis*.

D. strumosa, Lindl. *See* *laevis*.

D. tasmanica, Hook. f. Australia. Bot. Mag. t. 5551.

Var. *variegata*, Hort.

Dichopogon, Kth.

D. humilis, Kth. Australia. Hook. Fl. Tasm. ii. t. 131.

D. strictus, Baker. Australia.

Dictyopsis, Haw. *See* *Behnia*.

D. Thunbergii, Haw. *See* *Behnia reticulata*.

Dipcadi, Med.

D. erythraeum, Webb. Arabia and N. Africa.

D. hyacinthoides, Baker. S. Africa.

D. viride, Moench. S. Africa. Red. Lil. t. 203.

Dipidax, Laws.

D. triquetra, Baker. S. Africa. Bot. Mag. t. 558.

Disporum, Salisb.

D. leschenaultianum, Don. India. Bot. Mag. t. 6935.

D. pullum, Salisb. India and China. Bot. Mag. t. 916.

Dracaena, Vand.

D. angustifolia, Roxb. India, &c.

D. aubryana, A. Brong. *See* *thalioides*.

D. australis, Forst. *See* *Cordyline australis*.

D. Cantleyi, Baker. Singapore.

D. cernua, Jacq. *See* *reflexa*.

D. Cinnabari, Balf. Socotra.

D. concinna, Kth. Mauritius.

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Dracaena—*cont.*

D. congesta, Sweet. See *Cordyline congesta*.

D. Draco, L. Canary Islands. Bot. Mag. t. 4571.

D. ensifolia, Regel. See *fruticosa*.

D. ferrea, L. See *Cordyline terminalis*.

D. floribunda, Baker. Hab. — ? Bot. Mag. t. 6447.

D. fragrans, Gawl. Trop. Africa. Bot. Mag. t. 1081.

Var. *Lindenii* (Hort).

Var. *massangeana* (Hort).

D. fruticosa, K. Koch. Hab. — ? Gartenfl. 1864, t. 451.

D. godseffiana, Baker. W. Trop. Africa.

D. goldieana, Hort. W. Trop. Africa. Bot. Mag.

D. hookeriana, K. Koch. S. Africa. Bot. Mag. t. 4297.

Var. *latifolia* (Regel).

D. indivisa, Forst. See *Cordyline indivisa*.

D. Lindenii. See *fragrans*.

D. massangeana, Hort. See *fragrans*.

D. mauritiana, Bojer. See *Cordyline floribunda*.

D. phrynioides, Hook. f. W. Trop. Africa. Bot. Mag. t. 5352.

D. reflexa, Lam. Mauritius, Red. Lil. t. 92.

Var. *cernua*, Baker.

D. rothiana, Carr. Hab.—?

D. sanderiana, Hort. W. Trop. Africa.

D. Saposchnikowii, Regel. Hab.—? Gartenfl. t. 705.

D. Smithii, Baker. Trop. Africa. Bot. Mag. t. 6169.

D. stenophylla, K. Koch. Hab.—?

Dracaena—*cont.*

D. surculosa, *Lindl.* W. Trop. Africa. Bot. Mag. t. 5662.

D. terminalis, *Jacq.* See *Cordyline terminalis*.

D. thalioides, *Morren.* W. Trop. Africa. Belg. Hort. 1860, 348, pl. 24.

D. umbraculifera, *Jacq.* Mauritius. Lodd. Bot. Cab. t. 289.

Drimia, *Jacq.*

D. anomala, *Benth.* S. Africa. Ref. Bot. t. 178.

D. haworthioides, *Baker.* S. Africa.

D. elata, *Jacq.* S. Africa. Bot. Mag. t. 822.

D. lanceæfolia, *Ker.* See *Scilla lanceæfolia*.

D. robusta, *Baker.* S. Africa.

D. villosa, *Lindl.* S. Africa. Bot. Reg. t. 1346.

Drimiopsis, *Lindl.*

D. Kirkii, *Hook. f.* Zanzibar. Bot. Mag. t. 6276.

D. maculata, *Lindl.* Natal.

Echeandia, *Ortega.*

E. eleutherandra, *K. Koch.* Mexico.

Eriospermum, *Jacq.*

E. Bellendeni, *Sweet.* S. Africa. Bot. Mag. t. 1382.

E. brevipes, *Baker.* S. Africa.

E. folioliferum, *Andr.* S. Africa. Bot. Rep. t. 521.

E. latifolium, *Jacq.* S. Africa. Jacq. Ic. t. 420.

Eucomis, *L'Herit.*

E. amaryllidifolia, *Baker.* S. Africa.

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Eucomis, *L'Herit.*—*cont.*

E. bicolor, *Baker*. Natal.

E. macrophylla, *Hort.* See *regia*.

E. nana, *Ait.* S. Africa. Bot. Mag. t. 1495.

E. pallidiflora, *Baker.* S. Africa.

E. punctata, *L'Herit.* S. Africa. Bot. Mag. t. 913.

E. regia, *Ait.* S. Africa. Ref. Bot. t. 238.

E. undulata, *Ait.* S. Africa. Bot. Mag. t. 1083.

E. zambesiaca, *Baker.* S. Africa.

Galtonia, *Dcne.*

G. candicans, *Dcne.* S. Africa. Ref. Bot. t. 174.

G. clavata, *Baker.* S. Africa. Bot. Mag. t. 6885.

G. princeps, *Dcne.* S. Africa. Ref. Bot. t. 175.

Gasteria, *Duval.*

G. acinacifolia, *Haw.* S. Africa. Bot. Mag. t. 2369.

Var. *pluripuncta*, *Baker.*

Var. *nitens*, *Baker.*

G. angulata, *Haw.* See *disticha*.

G. apicroides, *Baker.* S. Africa.

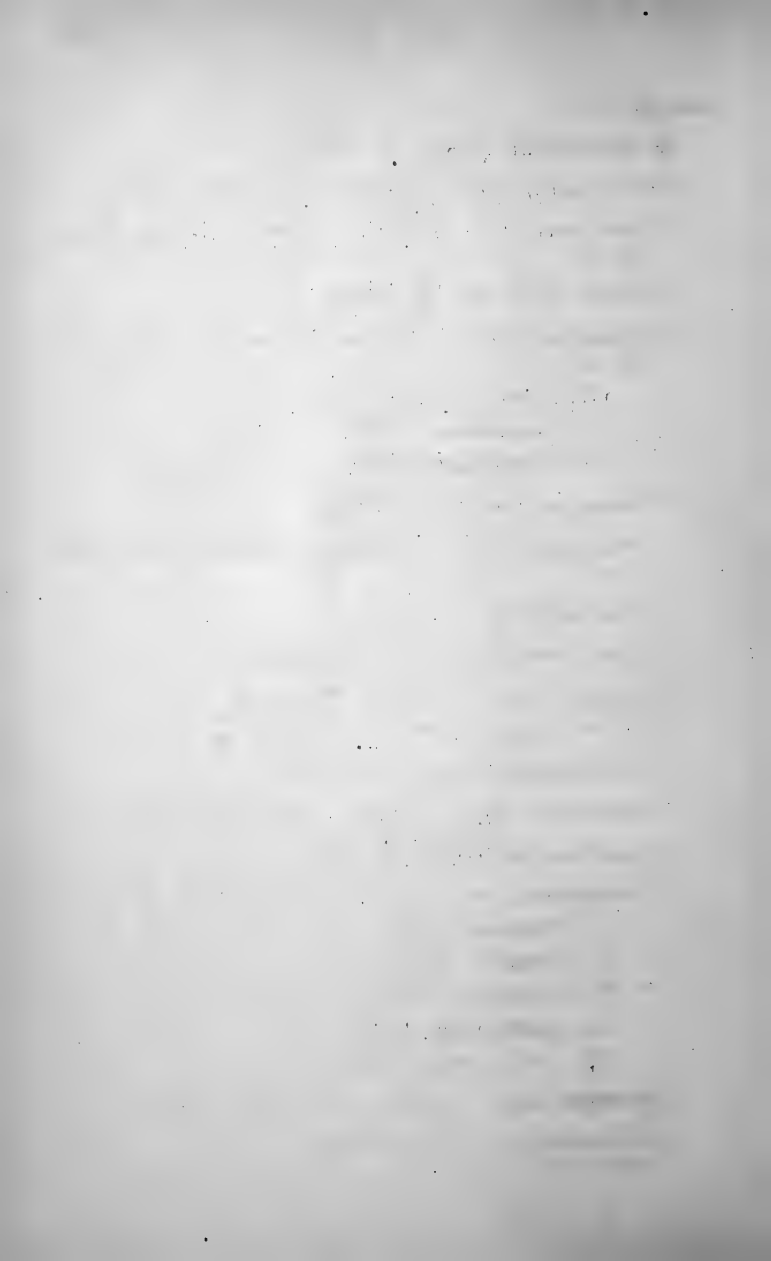
G. Bayfieldii, *Baker.* S. Africa. Salm-Dyck Aloe, xxix., fig. 14.

G. bicolor, *Haw.* S. Africa. Salm-Dyck Aloe, xxix., fig. 5.

G. brevifolia, *Haw.* S. Africa. Salm-Dyck Aloe, xxix., fig. 8.

G. candicans, *Haw.* S. Africa. Salm-Dyck Aloe, xxix., fig. 13.

G. carinata, *Haw.* S. Africa. Bot. Mag. t. 1331.



Gasteria—*cont.*

G. cheilophylla, *Baker.* S. Africa.

G. Croucheri, *Baker.* S. Africa. Bot. Mag. t. 5812.

G. decipiens, *Haw.* S. Africa. Salm-Dyck Aloe, xxix., fig. 16.

G. dicta, *N. E. Br.* S. Africa.

G. disticha, *Haw.* S. Africa. Salm-Dyck Aloe, xxix., fig. 33.

Var. *angulata*, *Baker.*

Var. *angustifolia* *Baker.*

Var. *conspurcata*, *Baker.*

G. elongata, *Baker.* S. Africa.

G. excavata, *Haw.* S. Africa. Salm-Dyck Aloe, xxix., fig. 22.

G. excelsa, *Baker.* S. Africa.

G. fusco-punctata, *Baker.* S. Africa.

G. glabra, *Haw.* S. Africa. Bot. Mag. t. 1331.

Var. *major*, *Kunth.*

G. laetepunctata, *Haw.* S. Africa.

G. maculata, *Haw.* S. Africa. Bot. Mag. t. 979.

G. marmorata, *Baker.* S. Africa.

G. nigricans, *Haw.* S. Africa. Bot. Mag. t. 838.

Var. *fasciata*, *Baker.*

Var. *hystrix*, *Hort.*

Var. *polyspila*, *Baker.*

Var. *platyphylla*, *Baker.*

Var. *subnigricans*, *Baker.*

G. nitida, *Haw.* S. Africa. Bot. Mag. t. 2304.

G. obliqua, *Haw.* See *maculata*.

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Gasteria--cont.

G. obtusifolia, *Haw.* S. Africa. Salm-Dyck Aloe, xxix., fig. 37.

G. parvifolia, *Baker.* S. Africa.

G. picta, *Haw.* S. Africa. Salm-Dyck Aloe, xxix., fig. 3.

G. radulosa, *Baker.* S. Africa.

G. spiralis, *Baker.* S. Africa.

G. subverrucosa, *Haw.* S. Africa.

G. sulcata, *Haw.* S. Africa. Salm-Dyck Aloe, xxix., fig. 32.

G. transvaalensis, *Baker.* S. Africa.

G. triangularis, *Hort.* See *trigona*.

G. trigona, *Haw.* S. Africa. Salm-Dyck Aloe, xxix., fig. 15.

G. verrucosa, *Haw.* S. Africa. Bot. Mag. t. 837.

Var. *latifolia*, *Haw.*

Geitonoplesium, *A. Cunn.*

G. cymosum, *A. Cunn.* Australia.

Gloriosa, *L.*

G. Plantii, *Hort.* See *virescens*.

G. superba, *L.* Old World Tropics. Bot. Reg. t. 77.

G. virescens, *Lindl.* Trop. Africa. Bot. Mag. tt. 2539, 4938.

Gonioscypha, *Baker.*

G. eucomoides, *Baker.* Himalaya. Journ. Linn. Soc. xiv., t. 19.

Haworthia, *Duval.*

H. albicans, *Haw.* S. Africa. Bot. Mag. t. 1452.

Var. *virescens*, *Haw.*

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Haworthia—*cont.*

- H. altilinea**, *Haw.* S. Africa. Salm-Dyck Aloe, sect. xi.
fig. 3.
- H. angustifolia**, *Haw.* S. Africa. Salm-Dyck Aloe,
sect. xiii., fig. 2.
- H. arachnoides**, *Haw.* S. Africa. Bot. Mag. t. 756.
- H. asperiuscula**, *Haw.* S. Africa. Salm-Dyck Aloe
sect. iii., fig. 2.
- H. atrovirens**, *Haw.* S. Africa. Bot. Mag. t. 1361.
- H. attenuata**, *Haw.* S. Africa. Bot. Mag. t. 1345.
Var. *clariperla*, *Baker.*
- H. chlorocantha**, *Haw.* S. Africa. Salm-Dyck Aloe,
sect. xiii., fig. 1.
- H. coarctata**, *Haw.* S. Africa. Salm-Dyck Aloe, sect.
vi., fig. 17.
- H. columnaris**, *Baker.* S. Africa.
- H. Cooperi**, *Baker.* S. Africa. Reif. Bot. t. 233.
- H. cuspidata**, *Haw.* S. Africa.
- H. cymbiformis**, *Haw.* S. Africa. Bot. Mag. t. 802.
Var. *obtus*a, *Baker.*
Var. *planifolia*, *Baker.*
- H. denticulata**, *Haw.* S. Africa. Salm-Dyck Aloe, sect.
xi., fig. 3.
- H. fasciata**, *Haw.* S. Africa. Salm-Dyck Aloe, sect. vi.,
fig. 15.
Var. *major*, *Haw.*
- H. glabrata**, *Baker.* S. Africa. Salm-Dyck Aloe, sect. vi.,
fig. 13.
Var. *concolor*, *Baker.*
Var. *perviridis*, *Baker.*

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Haworthia—*cont.*

H. granata, Haw. See *margaritifera*.

H. hybrida, Haw. S. Africa. Salm-Dyck Aloe, sect. iv., fig. 4.

H. laetevirens, Haw. S. Africa. Salm-Dyck Aloe, sect. x., fig. 3.

H. margaritifera, Haw. S. Africa. Salm-Dyck Aloe, sect. vi., fig. 5.

Var. *corallina*, Baker.

Var. *granata*, Baker. Bot. Mag. t. 1360.

Var. *semimargaritifera*, Baker.

H. mucronata, Haw. See *H. altilinea*, Haw.

H. nigra, Baker. S. Africa.

H. Peacockii, Baker. S. Africa.

H. pilifera, Baker. S. Africa. Ref. Bot. t. 234.

H. polyphylla, Baker. S. Africa.

H. Radula, Haw. S. Africa. Salm-Dyck Aloe, sect. vi., fig. 8.

H. Reinwardtii, Haw. S. Africa. Salm-Dyck Aloe, sect. vi., fig. 16.

Var. *major*, Hort.

Var. *minor*, Hort.

H. retusa, Haw. S. Africa. Bot. Mag. t. 455.

H. rugosa, Baker. S. Africa. Salm-Dyck Aloe, sect. vi., fig. 9.

H. semiglabrata, Haw. S. Africa. Salm-Dyck Aloe, sect. vi., fig. 2.

H. sessiliflora, Baker. S. Africa.

H. setata, Haw. S. Africa. Salm-Dyck Aloe, sect. xii., fig. 3.

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Haworthia—*cont.*

H. setosa, Roem. *See setata.*

H. subattenuata, Baker. S. Africa. Salm-Dyck Aloe, sect. vi., fig. 11.

H. subfasciata, Baker. S. Africa. Salm-Dyck Aloe, sect. vi., fig. 14.

H. subrigida, Baker. S. Africa. Salm-Dyck Aloe, sect. vi., fig. 1.

H. subulata, Baker. S. Africa. Salm-Dyck Aloe, sect. vi., fig. 10.

H. tessellata, Haw. S. Africa. Salm-Dyck Aloe, sect. viii., fig. 1.

Var. *parva*, Baker.

H. tortuosa, Haw. S. Africa. Bot. Mag. t. 1337.

Var. *curta*, Baker.

H. turgida, Haw. S. Africa. Salm-Dyck Aloe, sect. ix., fig. 5.

H. viscosa, Haw. S. Africa. Bot. Mag. t. 314.

H. vittata, Baker. S. Africa. Ref. Bot. t. 263.

H. xiphiophylla, Baker. S. Africa. Bot. Mag. t. 7505.

Hesperaloe, Engelm.

H. Engelmanni, Krauskopf. *See yuccaefolia.*

H. yuccaefolia, Engelm. N. W. America.

Iphigenia, Kunth.

I. indica, Kunth. India and Australia.

Lachenalia, Jacq.

L. aurea, Lindl. S. Africa.

Var. *gigantea*, Hort.

L. Camii, Hort. Garden hybrid.

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Lachenalia—*cont.*

L. contaminata, *Ait.* S. Africa. Bot. Mag. t. 1401.

L. glaucina, *Jacq.* S. Africa. Bot. Mag. t. 3552.

L. hirta, *Thunb.* S. Africa.

L. hyacinthoides, *Lam.* See *orchioides*.

L. Nelsoni, *Hort.* Garden hybrid (tricolor \times aurea).

L. orchioides, *Ait.* S. Africa. Bot. Mag. tt. 854, 1269.

L. orthopetala, *Jacq.* S. Africa.

L. pallida, *Ait.* S. Africa. Bot. Reg. tt. 1350, 1945.

L. pendula, *Ait.* S. Africa. Bot. Mag. t. 490.

Var. *aureliana*, *Hort.*

L. purpurea, *Jacq.* See *versicolor*.

L. pustulata, *Jacq.* S. Africa. Bot. Mag. t. 817.

L. quadricolor *Jacq.* See *tricolor*.

L. racemosa, *Gawler.* S. Africa. Bot. Mag. t. 1517.

L. reflexa, *Thunb.* S. Africa.

L. regeliana, *Hort.* Garden hybrid (*reflexa* \times aurea).

L. rosea, *Andr.* S. Africa.

L. rubida, *Jacq.* S. Africa. Bot. Mag. t. 993.

Var. *tigrina*, *Baker.*

L. stolonifera, *Hort.* See *Scilla hispanica*.

L. tigrina, *Jacq.* See *rubida*, var.

L. tricolor, *Thunb.* S. Africa. Bot. Mag. t. 82.

Var. *quadricolor*, *Baker.*

L. violacea, *Jacq.* S. Africa. Jacq. Ic. t. 394.

L. versicolor, *Baker.* S. Africa.

TABLE I. (continued)

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*Lapageria, Ruiz et Pav.**L. rosea, Ruiz et Pav.* Chili. Bot. Mag. t. 4447.Var. *albiflora, Hook.* Bot. Mag. t. 4892.*Leucocrinum, Nutt.**L. montanum, Nutt.* California.*Littonia, Hook.**L. modesta, Hook.* S. Africa. Bot. Mag. t. 4723.Var. *Keitii, Leichtlin.* Gartenflora, t. 1237.*Lomatophyllum, Willd.**L. borbonicum, Willd.* Bourbon and Mauritius. Bot. Mag. t. 1598.*L. macrum, Salm-Dyck.* Mauritius.*L. rufocinctum, Salm-Dyck.* Mauritius.*Luzuriaga, Ruiz et Pav.**L. radicans, Ruiz et Pav.* Chili and Peru.*Massonia, Thunb.**M. jasminiflora, Burch.* S. Africa. Bot. Mag. t. 7465.*M. pustulata, Jacq.* S. Africa.*Melanthium, L. f.* See *Dipidax*.*M. junceum, Jacq.* See *Dipidax triquetra*.*Methonica, Tourn.* See *Gloriosa*.*Myrsiphyllum, Willd.* See *Asparagus*.*M. asparagoides, Willd.* See *Asparagus medeoloides*.*Nolina, Michx.**N. Beldingii, Brand.* Mexico.*N. Bigelovii, S. Wats.* Arizona.*N. erumpens, S. Wats.* Texas.

1. The first part of the paper is devoted to a generalization of the results of [1] and [2] to the case of a general group G .

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20. In the twentieth part we consider the case of a general group G and a general field K .

21. In the twenty-first part we consider the case of a general group G and a general field K .

22. In the twenty-second part we consider the case of a general group G and a general field K .

23. In the twenty-third part we consider the case of a general group G and a general field K .

24. In the twenty-fourth part we consider the case of a general group G and a general field K .

Nolina—*cont.*

- N. hartwegiana**, *Hemsl.* Mexico.
N. longifolia, *Hemsl.* Mexico,
N. Palmeri, *S. Wats.* Mexico.
N. recurvata, *Hemsl.* Mexico.
N. tuberculata, *Hort.* See *recurvata*.

Ornithogalum, *L.*

- O. acuminatum**, *Baker.* See *Eckloni*.
O. anomalum, *Baker.* See *Drimia anomala*.
O. arabicum, *L.* Mediterranean. *Bot. Mag.* tt. 728, 3179.
O. aureum, *Curt.* See *thyrsoides*.
O. biflorum, *D. Don.* Chili and Peru. *Sweet Fl. Gard.*
 ser. ii. t. 246.
O. caudatum, *Ait.* S. Africa. *Bot. Mag.* t. 805.
O. corymbosum, *Ruiz and Pav.* See *arabicum*.
O. Eckloni, *Schlecht.* S. Africa.
 Var. **acuminatum**, *Baker.* *Ref. Bot.* t. 177.
O. lacteum, *Jacq.* S. Africa. *Bot. Mag.* t. 1134.
O. longibracteatum, *Jacq.* S. Africa. *Red. Lil.* t. 120.
 Var. **variegatum**.
O. Melleri, *Baker.* See *Albuca Melleri*.
O. Paterfamilias, *Godr.* S. France.
O. revolutum, *Jacq.* S. Africa. *Bot. Mag.* t. 653.
 Var. **major**.
O. scilloides, *Jacq.* S. Africa.
O. Saundersiae, *Baker.* S. Africa.
O. schlechterianum, *Schinz.* S. Africa.

Ornithogalum—*cont.*

O. thyrsoides, *Jacq.* S. Africa. Bot. Mag. t. 1164.

Var. *aureum*, *Ait.* Bot. Mag. t. 190.

O. vittatum, *Kunth.* S. Africa. Bot. Mag. t. 1329.

Pasithea, *D. Don.*

P. coerulea, *D. Don.* Chili.

Philageria, *Mast.* (*Lapageria* × *Philesia*.)

P. Veitchii, *Mast.* Garden hybrid.

Philesia, *Comm.*

P. buxifolia, *Lam.* Chili. Bot. Mag. t. 4738.

Phormium, *Forst.*

P. Colensoi, *Hook. f.* See *cookianum*.

P. cookianum, *Le Jolis.* New Zealand.

P. forsterianum, *Hook.* See *cookianum*.

P. Hookeri, *Gunn.* New Zealand. Bot. Mag. t. 6973.

P. tenax, *L. f.* New Zealand. Bot. Mag. t. 3199.

Var. *purpureum*, *Hort.*

Var. *variegatum*, *Hort.*

Var. *Veitchii*, *Hort.*

Plectogyne, *Link.* See *Aspidistra*.*Sandersonia*, *Hook.*

S. aurantiaca, *Hook.* S. Africa. Bot. Mag. t. 4716.

Scilla, *L.*

S. Buchanani, *Baker.* Nyasaland.

S. Galpini, *Baker.* Transvaal.

S. Kraussii, *Baker.* Natal.

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Scilla—*cont.*

S. lanceæfolia, *Baker*. S. & Trop. Africa. Bot. Mag. t. 643.

S. livida, *Baker*. S. Africa.

S. maritima, *L.* See *Urginea maritima*.

S. natalensis, *Planch.* Natal. Bot. Mag. t. 5379.

S. peruviana, *L.* Mediterranean. Bot. Mag. t. 749.

Var. *glabra*, *Boiss.*

S. plumbea, *Lindl.* S. Africa. Bot. Reg. t. 1355.

S. rigidifolia, *Kunth.* S. & Trop. Africa.

Semele, *Kunth.*

S. androgyna, *Kunth.* Canary Islands. Bot. Mag. tt. 1898, 3029.

Smilax, *L.*

S. argyraea, *Lind. & Rod.* Bolivia. Ill. Hort. 1892, t. 152.

S. australis, *R. Br.* Australia.

S. discolor, *Schlecht.* Mexico.

S. latifolia, *R. Br.* See *australis*.

S. macrophylla, *Roxb.* E. Indies.

S. officinale, *H. B. & K.* Colombia.

S. ornata, *Lem.* Mexico.

S. ovalifolia, *Roxb.* See *macrophylla*.

S. prolifera, *Roxb.* India.

Theropogon, *Maxim.*

T. pallidus, *Maxim.* Himalaya. Bot. Mag. t. 6154.

Thysanotus, *R. Br.*

T. multiflorus, *R. Br.* Australia.

Tulbaghia, L.

T. acutiloba, Harv. S. Africa.

T. alliacea, L. f. S. Africa. Bot. Mag. t. 3547.

T. ludwigiana, Harv. See *alliacea*.

T. natalensis, Baker. Natal.

T. violacea, Harv. S. Africa. Bot. Mag. t. 3555.

Tupistra, Ker.

T. macrostigma, Baker. Himalaya. Bot. Mag. t. 6280.

T. nutans, Wall. Himalaya. Bot. Mag. t. 3054.

T. squalida, Gawl. Amboina. Bot. Mag. t. 1655.

Urginea, Steinh.

U. exuviata, Steinh. S. Africa. Bot. Mag. t. 871.

U. filifolia, Steinh. S. Africa. Bot. Reg. t. 557.

U. lilacina, Baker. Natal.

U. maritima, Baker. Europe & S. Africa. Red. Lil. t. 116.

U. micrantha, Solms. Trop. Africa.

Uropetalon, Ker. See *Dipcadi*.*Veltheimia, Gleditsch.*

V. glauca, Jacq. S. Africa. Bot. Mag. tt. 1091, 3456.

V. viridifolia, Jacq. S. Africa. Bot. Mag. t. 501.

Xeronema, Brong.

X. Moorei, Brong. New Caledonia.

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Yucca, *Dill.*

Y. aloifolia, *L.* S. United States & W. Indies. Bot. Mag. t. 1700.

Var. *Draconis*, *Baker.*

Var. *serrulata*, *Baker.*

Var. *tricolor*, *Baker.*

Var. *variegata* *Hort.*

Y. angustifolia, *Pursh.* S. United States. Bot. Mag. t. 2236.

Var. *stricta*, *Baker.* Bot. Mag. t. 2222.

Y. baccata, *Torr.* Mexico. Ill. Hort. 1873, t. 115.

Var. *australis*, *Engelm.* Rev. Hort. 1876, t. 97.

Y. brevifolia, *Engelm.* Mexico.

Y. canaliculata, *Hook.* See *treculiana*.

Y. circinata, *Baker.* See *baccata*.

Y. desmetiana, *Baker.* Mexico.

Y. elata, *Engelm.* Mexico. Gard. & For. 1889, p. 569.

Var. *albo-marginata*, *Hort.*

Y. Engelmanni, *Mast.* See *Whipplei*.

Y. ensifolia, *Baker.* See *guatemalensis*.

Y. falcata, *Hort.* See *flexilis*.

Y. filamentosa, *L.* S. United States. Bot. Mag. t. 900.

Var. *variegata*.

Y. filifera, *Chab.* Mexico.

Y. flexilis, *Carr.* Mexico. Rev. Hort. 1859, t. 89.

Var. *falcata*, *Baker.*

Y. glauca, *Nutt.* S. United States.

Y. guatemalensis, *Baker.* Mexico & Guatemala. Ref. Bot. t. 313.

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Yucca—cont.

- Y. macrocarpa*, *Engelm.* Arizona.
Y. Peacockii, *Baker.* Mexico ?
Y. semicylindrica, *Baker.* *See flexilis.*
Y. treculiana, *Carr.* Mexico. Bot. Mag. t. 5201.
Y. Whipplei, *Torr.* California and Arizona.

Pontederiaceae.**Eichornea, Kunth.**

- E. azurea*, *Kunth.* Brazil.
E. speciosa, *Kunth.* Trop. America. Bot. Mag. t. 2932.

Heteranthera, Ruiz & Pav.

- H. reniformis*, *Ruiz & Pav.* Trop. America.
H. zosteriaefolia, *Mart.* Brazil.

Pontederia, L.

- P. azurea*, *Sw.* *See Eichornea azurea.*
P. cordata, *L.* Trop. America.
P. crassipes, *Mart.* *See Eichornea speciosa.*

Philydraceae.**Helmholtzia, F. Muell.**

- H. glaberrima*, *Caruel.* Pacific Isles. Bot. Mag. t. 6056.

Philydrum, Banks.

- P. glaberrimum*, *Hook.* *See Helmholtzia glaberrima.*
P. lanuginosum, *Banks.* Australia.

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Commelinaceae.

Aneilema, *Br.*

A. conspicuum, *Kunth.* Burma and Malaya.

Buforrestia, *C.B.Cl.*

B. Mannii, *C.B.Cl.* Fernando Po. DC. Monogr. iii. t. 6.

Commelina, *Plum.*

C. virginica, *L.* Texas to Paraguay.

C. zambesica, *C.B.Cl.* Zambesia, Nyasaland.

Cyanotis, *D. Don.*

C. Beddomei, *Hook. f.* See *kewensis*.

C. kewensis, *C.B.Cl.* Travancore. Bot. Mag. t. 6150.

C. somaliensis, *C.B.Cl.* Somali-land.

Dichorisandra, *Mikan.*

D. mosaica, *Linden.* Peru.

D. pubescens, *Mart.* Brazil.

D. Sieberi, *Hort.*

D. thyrsiflora, *Mikan.* Brazil.

D. undata, *Linden.* Peru. Fl. des Serres, t. 1763-4.

D. vittata, *Hort.*

Erythrotis, *Hook. f.* See *Cyanotis*.

Palisota, *Reich.*

P. Barteri, *Hook. f.* Fernando Po.

P. Maclaudii, *Hort.*

Polia, *Thunb.*

P. condensata, *C.B.Cl.* W. Trop. Africa.

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Pyrrheima, *Hassk.*

P. Loddigesii, *Hassk.* Brazil. Bot. Cab. t. 374.

Spironema, *Lindl.*

S. fragrans, *Lindl.* Mexico. Bot. Reg. 1840, t. 47.

Tradescantia, *L.*

T. crassifolia, *Cav.* Mexico. Cav. Ic. i. t. 75.

T. elongata, *G. F. W. Mey.* Trop. America.

T. fuscata, *Lodd.* See *Pyrrheima Loddigesii*.

T. iridescens, *Lindl.* See *crassifolia*.

T. navicularis, *Ortg.* Peru. Gartenfl. 1877, t. 901.

T. Reginae, *Linden.* Ill. Hort. 39, t. 147.

T. vittata, *Hort.*

T. warscewicziana, *Kunth & Bouché.* Guatemala.

T. zebrina, *Hort.* See *Zebrina pendula*.

Weldenia, *Schult, f.*

W. candida, *Schult, f.* Guatemala. Bot. Mag. t. 7405.

Zebrina, *Schnizl.*

Z. pendula, *Schnizl.* Mexico.

Flagellarieae.

Flagellaria, *L.*

F. indica, *L.* Trop. Asia and Africa. Red. Lil. t. 257.

Susum, *Blume.*

S. anthelminthicum, *Blume.* Malay Pen. and Islands.

S. malayanum, *Planch.* India and Malaya.

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Juncaceae.

Pronium, *E. Mey.*

P. Palmita, *E. Mey.* S. Africa. Bot. Mag. t. 5722.

Xanthorrhoea, *Smith.*

X. arborea, *R. Br.* Australia.

X. australis, *R. Br.* Victoria and Tasmania.

X. Brunonis, *Endl.* See *Preissii*.

X. gracilis, *Endl.* Australia.

X. hastilis, *R. Br.* Australia. Bot. Mag. t. 4722.

X. Preissii, *Endl.* Australia. Bot. Mag. t. 6933.

X. quadrangulata, *F. Muell.* Australia. Bot. Mag. t. 6075.

X. semiplana, *F. Muell.* Australia.

X. tateana, *F. Muell.* Australia.

Xerotes, *R. Br.*

X. Ordii, *F. Muell.* Australia.

X. rigida, *R. Br.* Australia.

Palmae.

Acanthophoenix, *Wendl.*

A. crinita, *Wendl.* Mauritius and Bourbon.

A. Herbstii, *Hort.* See *crinita*.

A. rubra, *Wendl.* Mauritius and Bourbon.

Acanthorhiza, *Wendl.*

A. aculeata, *Wendl.* Cent. America. Bot. Mag. t. 7302.

A. arborea, *Drude.* Hab.—?

Acrocomia, Mart.

A. aculeata, Lodd. See *sclerocarpa*.

A. rubensis, Lodd. See *lasiospatha*.

A. havanensis, Hort.

A. lasiospatha, Mart. West Indies.

A. sclerocarpa, Mart. Trop. America.

Aiphanes, Willd. See Martinezia.**Ancistrophyllum, Mann & Wendl.**

A. laeve, Wendl. W. Trop. Africa.

A. secundiflorum, Mann & Wendl. Trop. Africa.

Archontophoenix, Wendl. & Drude.

A. Alexandrae, Wendl. & Drude. Queensland.

A. cunninghamiana, Wendl. & Drude. Queensland and N. S. Wales. Bot. Mag. t. 4961.

Areca, L.

A. alba, Bory. See *Dictyosperma album*.

A. Aliciae, Hill. Trop. Australia.

A. augusta, Kurz. See *Ptychoraphis augusta*.

A. aurea, Hort. See *Dictyosperma aureum*.

A. Bauerii, Hook. f. See *Rhopalostylis Bauerii*.

A. Catechu, L. Trop. Asia.

A. concinna, Thw. Ceylon.

A. elegantissima, Hort.

A. erythropoda, Miq. See *Cyrtostachys Renda*.

A. glandiformis, Lam. Moluccas.

A. laxa, Buch.-Ham. Andamans.

Areca—cont.

A. lutescens, Bory. See *Chrysalidocarpus lutescens*.

A. macrocalyx, Blume. Java.

A. Micholitzii, Hort. New Guinea.

A. monostachya, Mart. See *Bacularia monostachya*.

A. montana, Lodd. See *Prestoea montana*.

A. nobilis, Hort. See *Nephrosperma van-houtteana*.

A. oleracea, Jacq. See *Oreodoxa oleracea*.

A. rubra, Bory. See *Acanthophoenix rubra*.

A. rubra, Hort. See *Dictyosperma rubrum*.

A. Sanderi, Hort.

A. speciosa, Hort. See *Hyophorbe amaricaulis*.

A. triandra, Roxb. India.

Var. *bancana*, Scheff.

A. Verschaffelti, Hort. See *Hyophorbe Verschaffelti*.

Arenga, Labill.

A. Bonnetii, Hort. India.

A. Engleri, Becc. Formosa.

A. Griffithii, Seem. See *saccharifera*.

A. Listeri, Becc. Christmas Is.

A. obtusifolia, Mart. Java and Sumatra.

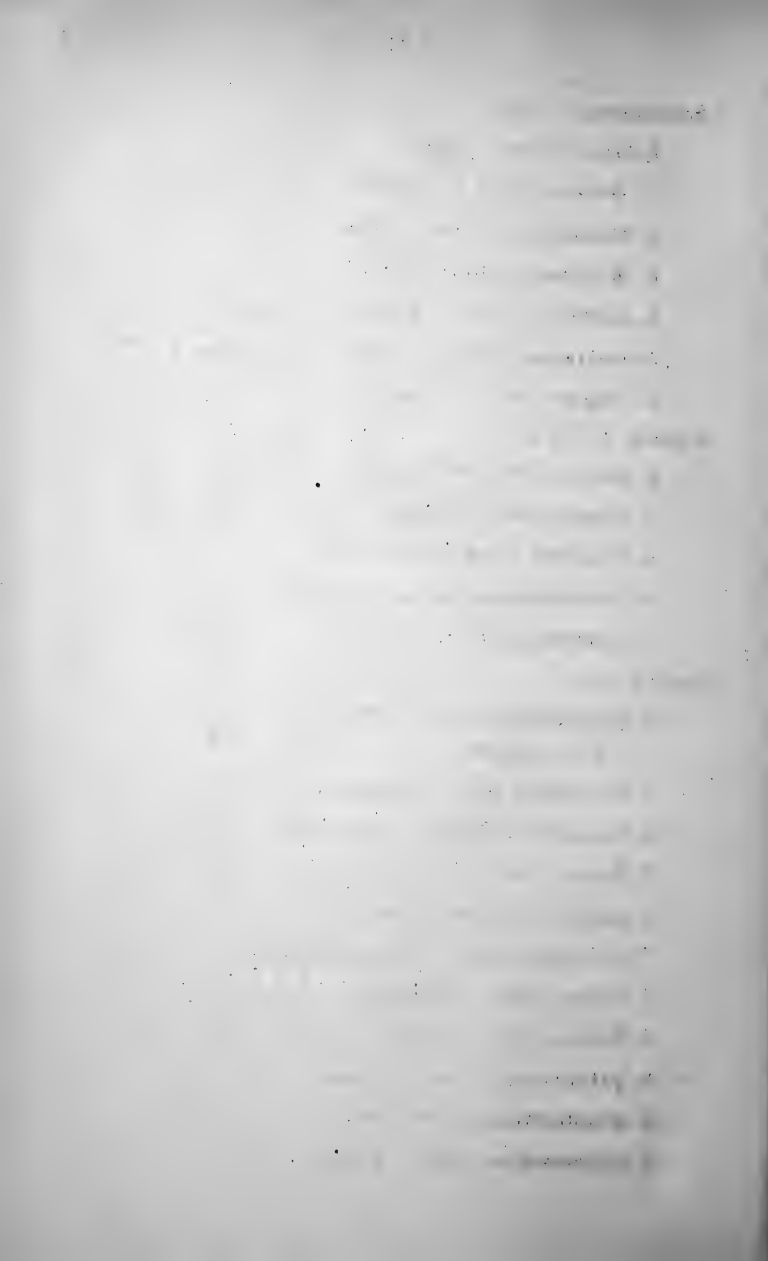
A. saccharifera, Labill. Malaya and Burma.

A. Wightii, Griff. Malabar.

Astrocaryum, G. F. W. Mey.

A. aculeatum, Mey. Guiana.

A. argenteum, Hort. See *Malybo*.



Astrocaryum--*cont.*

- A. **Ayri**, *Mart.* Brazil.
- A. **Malybo**, *Karst.* Colombia.
- A. **mexicanum**, *Liebm.* Mexico.
- A. **Murumuru**, *Mart.* Brazil.
- A. **plicatum**, *Drude.* Guiana and Brazil.
- A. **rostratum**, *Hook. f.* Brazil. Bot. Mag. t. 4773.
- A. **vulgare**, *Mart.* Brazil.

Attalea, *H. B. K.*

- A. **Cohune**, *Mart.* Honduras.
- A. **excelsa**, *Mart.* Brazil.
- A. **Guichire**, *Hort. Buitenzorg.*
- A. **maracaibensis**, *Karst.* Venezuela.
- A. **spectabilis**, *Mart.* Brazil.

Bactris, *Jacq.*

- B. **acanthocarpa**, *Mart.* Brazil.
 Var. crispata.
- B. **baculifera**, *Karw.* Mexico.
- B. **balanoides**, *Wendl.* Costa Rica.
- B. **Binoti**, *Hort.*
- B. **elatior**, *Wallace.* Brazil.
- B. **flavispina**, *Hort.* See *pallidispina*.
- B. **major**, *Jacq.* Colombia.
- B. **Maraja**, *Mart.* Brazil.
- B. **pallidispina**, *Mart.* Guiana.
- B. **simplicifrons**, *Mart.* Brazil.
- B. **trichospatha**, *Trail.* Brazil.

Western Australia, Port Moresby, 1914.

Robert D. B. Smith

Robert D. B. Smith

Robert D. B. Smith

India and Africa

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Bacularia, F. Muell.

B. monostachya, F. Muell. Australia. Bot. Mag. t. 6644.

Balaka, Becc.

B. perbrevis, Becc. Fiji.

B. Seemanni, Becc. Fiji.

Bentinckia, Berry.

B. Condapanna, Berry. India.

B. nicobarica, Becc. Nicobar Islds.

Bismarckia, Hildeb. & Wendl.

B. nobilis, H. & W. Madagascar.

Borassus, L.

B. flabellifer, L. India and Africa.

Brahea, Mart.

B. calcarata, Linden. Mexico.

B. dulcis, Mart. Peru.

B. edulis, Wendl. See *Erythea edulis*.

B. filamentosa, Hort. See *Washingtonia filifera*.

B. glauca, Hort. See *Erythea armata*.

B. nitida, Hort. Mexico.

B. Roezlii, Hort. See *Erythea armata*.

Calamus, L. [*Calamus* and *Daemonorops* were united in the "Genera Plantarum." They have since been separated by Beccari and Hooker. See "Flora of British India," vi. p. 462.]

C. asperrimus, Blume. Java.

C. australis, Mart. Australia.

C. caryotoides, A. Cunn. Australia.

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Calamus—cont.

- C. ciliaris*, *Blume*. Malaya.
C. erectus, *Roxb.* Himalaya.
C. Flagellum, *Griff.* Himalaya.
C. lævis, *Mann & H. Wendl.* See *Ancistrophyllum læve*.
C. leptospadix, *Griff.* Himalaya.
C. Muelleri, *Wendl. & Drude.* Australia.
C. oblongus, *Reinw.* Java.
C. oxleyanus, *Teijsm & Binn.* Malaya.
C. Pseudo-Rotang, *Mart.* See *viminalis*.
C. Regis, *Hort. Linden.* New Guinea.
C. royleanus, *Griff.* See *tenuis*.
C. rudentum, *Lour.* Cochin China.
C. schizospathus, *Griff.* See *erectus*.
C. subangulatus, *Miq.* Sumatra.
C. tenuis, *Roxb.* India and Cochin China.
C. trinervis, *Hort.* East Indies.
C. viminalis, *Willd.* India and Malaya.
C. volonteanus, *Hort. Linden.*

Calypetrocalyx, *Blume.*

- C. spicatus*, *Blume.* Moluccas.

Calypetrogyne, *Wendl.*

- C. Swartzii*, *Wendl.* West Indies.

Calyptronoma, *Griseb.* See *Calypetrogyne*.

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Caryota, L.

- C. Blancoi, Hort.* Philippines.
C. Cumingii, Lodd. Philippines.
C. elegans, Hort. Hab. — ?
C. furfuracea, Blume. See *mitis*.
C. majestica, Linden. Philippines.
C. maxima, Blume. Java.
C. mitis, Lour. Malaya and Cochin China.
C. obtusa, Griff. Himalaya.
C. ochlandra, Hance. China.
C. rumphiana, Mart. Malaya and Australia.
C. sobolifera, Wall. See *mitis*.
C. speciosa, Linden. Philippines.
C. urens, L. Trop. Asia.

Catoblastus, Wendl.

- C. praemorsus, Wendl.* Venezuela.

Ceratolobus, Blume.

- C. findlayanus, Hort.*
C. glaucescens, Blume. Java.

Ceroxylon, Humb. & Bonp.

- C. andicola, H. & B.* Colombia.
C. australe, Mart. See *Juania australis*.
C. niveum, Hort. See *Diplothemium caudescens*.

Chamaedorea, Willd.

- C. amazonica, Linden.* Brazil.
C. arenbergiana, Wendl. Guatemala. Bot. Mag. t. 6838.

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Chamaedorea—*cont.*

- C. concolor*, *Mart.* Mexico.
C. corallina, *Hook. f.* Venezuela.
C. desmoncoides, *Wendl.* Mexico.
C. elatior, *Mart.* Mexico.
C. elegans, *Mart.* Mexico. Bot. Mag. t. 4845.
C. elegantissima, *Hort.* Mexico.
C. Ernesti-Augusti, *Wendl.* Colombia. Bot. Mag. tt. 4831, 4837.
C. formosa, *Hort.* Hab.—?
C. fragrans, *Mart.* Peru. Bot. Mag. t. 5492.
C. geonomaeformis, *Wendl.* Guatemala. Bot. Mag. t. 6088.
C. glaucifolia, *Wendl.* Colombia.
C. graminifolia, *Wendl.* Costa Rica.
C. Hartwegii, *Hort.* See *Sartorii*.
C. karwinskiana, *Wendl.* See *elatior*.
C. latifrons, *Wendl.* See *arenbergiana*.
C. lindeniana, *Wendl.* Colombia.
C. martiana, *Wendl.* Mexico.
C. mexicana, *Hort.* See *Sartori*.
C. microphylla, *Wendl.* Panama.
C. oblongata, *Mart.* Brazil.
C. polita, *Hort.* Mexico.
C. Pringlei, *S. Wats.* Mexico.
C. pulchella, *Linden.* Hab.—?
C. pygmaea, *Wendl.* Colombia.
C. Ruizii, *Wendl.* ? Peru.

Chamaedorea—*cont.*

- C. Sartorii*, *Liebm.* Mexico.
C. scandens, *Liebm.* Mexico.
C. stolonifera, *Wendl.* Mexico. Bot. Mag. t. 7265.
C. tenella, *Wendl.* Mexico. Bot. Mag. t. 6584.
C. Tepejiloti, *Liebm.* Mexico.
C. Wendlandii, *Wendl.* Mexico. Bot. Mag. t. 6030.
C. wobstiana, *Linden.* Hab.— ?

Chamaerops, *L.*

- C. bilaminata*, Hort. See *humilis*.
C. Biroo, Sieb. See *Livistona rotundifolia*.
C. excelsa, Thunb. See *Trachycarpus excelsus*.
C. Fortunei, Hook. See *Trachycarpus excelsus*.
C. Griffithii, Lodd. See *Trachycarpus khasyanus*.
C. humilis, *L.* S. Europe and N. Africa.
 Var. *bilaminata*.
 Var. *dactylocarpa*, *Becc.*
 Var. *elegans*.
 Var. *macrocarpa*.
 Var. *tomentosa*.
C. khasyana, Griff. See *Trachycarpus khasyanus*.
C. martiana, Wall. See *Trachycarpus martianus*.
C. ritchieana, Griff. See *Nannorhops ritchieana*.
C. stauracantha, Hort. See *Acanthorhiza aculeata*.

Chamaethrinax, *Wendl.*

- C. hookeriana*, *Wendl.* Buenos Ayres.

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Chrysalidocarpus, *Wendl.*

C. lutescens, *Wendl.* Madagascar.

C. madagascariensis, Hort. See *Dypsis madagascariensis*.

Cocos, *L.*

C. amara, *Jacq.* West Indies.

C. Bonneti, *Hort.* Hab.—?

C. botryophora, *Mart.* Brazil.

C. capitata, *Mart.* Brazil.

C. comosa, *Mart.* Brazil.

C. coronata, *Mart.* Brazil.

C. eriospatha, *Mart.* Brazil.

C. flexuosa, *Mart.* Brazil.

C. graminifolia, *Drude.* Brazil.

C. insignis, *Mart.* Brazil.

C. leiospatha, *Barb.-Rodr.* Brazil.

C. Marie-Rose, Hort. See *procopiana*.

C. mikaniana, *Mart.* Brazil.

C. nucifera, *L.* Tropics.

C. pernambucana, *Lodd.* Brazil.

C. plumosa, *Lodd.* Brazil.

C. procopiana, *Glaz.* Brazil.

C. romanzoffiana, *Cham.* Brazil.

C. schizophylla, *Mart.* Brazil.

C. weddelliana, *Wendl.* Brazil.

C. Yatay, *Mart.* Argentine.

C. Yurumaguas, *Hort.* Peru.

1992-1993

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Coleospadix, *Becc.*

C. oninensis, *Becc.* New Guinea.

Copernicia, *Mart.*

C. Caranda, *Hort. Linden.*

C. cerifera, *Mart.* Brazil.

C. miraguana, *Mart.* See *Thrinax miraguana*.

C. tectorum, *Mart.* Colombia.

Corypha, *L.*

C. australis, *Br.* See *Livistona australis*.

C. decora, *Hort.* See *Livistona inermis*.

C. elata, *Roxb.* India.

C. Gebanga, *Blume.* Java.

C. umbraculifera, *L.* Trop. Africa and India.

C. Woganii, *Hort.* See *Livistona Woganii*.

Cyphophoenix, *Wendl.*

C. elegans, *Wendl.* New Caledonia.

Cyrtostachys, *Blume.*

C. Lakka, *Becc.* Malaya.

Var. *singaporensis*, *Becc.* Singapore.

C. Renda, *Blume.* Sumatra.

Daemonorops, *Blume.*

D. calicarpus, *Mart.* Malaya.

D. Draco, *Blume.* Malaya.

D. grandis, *Mart.* Malaya.

D. fissus, *Blume.* Borneo.

D. Hystrix, *Mart.* Malaya.

1. The first part of the paper is devoted to a general discussion of the problem of the existence of solutions of the system of equations (1) under the conditions (2). It is shown that the existence of solutions is guaranteed if the matrix $A(t)$ is positive definite and the vector $b(t)$ is bounded.

2. In the second part of the paper, the problem of the stability of the solutions of the system (1) is considered. It is shown that the solutions of the system (1) are stable if the matrix $A(t)$ is positive definite and the vector $b(t)$ is bounded.

3. In the third part of the paper, the problem of the asymptotic stability of the solutions of the system (1) is considered. It is shown that the solutions of the system (1) are asymptotically stable if the matrix $A(t)$ is positive definite and the vector $b(t)$ is bounded.

4. In the fourth part of the paper, the problem of the boundedness of the solutions of the system (1) is considered. It is shown that the solutions of the system (1) are bounded if the matrix $A(t)$ is positive definite and the vector $b(t)$ is bounded.

Daemonorops—cont.

- D. intermedius*, *Mart.* Malaya.
- D. jenkinsianus*, *Mart.* India.
- D. lewisianus*, *Mart.* Penang.
- D. longipes*, *Mart.* Malaya.
- D. melanochaetes*, *Blume.* Malaya.
- D. palembanicus*, *Blume.* Sumatra.
- D. periacanthus*, *Blume.* Sumatra.
- D. trichrous*, *Miq.* Sumatra.

Desmoncus, *Mart.*

- D. major*, *Crueger.* Trinidad.
- D. minor*, *Hort.* West Indies.
- D. mitis*, *Mart.* Brazil.
- D. polyacanthos*, *Mart.* Brazil.
- D. orthacanthos*, *Mart.* Brazil.

Dictyosperma, *Wendl. & Drude.*

- D. album*, *W. & D.* Mauritius and Bourbon.
 - Var. *furfuraceum.*
 - Var. *rubrum.*
- D. aureum*, *W. & D.* Mauritius.
- D. fibrosum*, *Wright.* Madagascar.

Didymosperma, *Wendl. & Drude.*

- D. nanum*, *W. & D.* Assam and Khasia.
- D. porphyrocarpon*, *W. & D.* Java.
- D. tremulum*, *W. & D.* Siam.

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DEPARTMENT OF CHEMISTRY

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Diplothemium, Mart.

D. caudescens, Mart. Brazil.

D. maritimum, Mart. Brazil.

Drymophloeus, Zippell.

D. appendiculatus, Miq. Malaya.

D. ceramensis, Miq. Ceram.

D. leprosus, Becc. New Guinea.

D. Rumphii, Becc. See *leprosus*.

D. singaporensis, Hook, f. See *Ptychoraphis singaporensis*.

Dypsis, Noronh.

D. Hildebrandtii, Hort. Madagascar.

D. madagascariensis, Hort. Madagascar.

Elaeis, Jacq.

E. guineensis, Jacq. Trop. Africa.

E. melanococca, Gaertn. Colombia.

Erythea, S. Wats.

E. armata, S. Wats. California.

E. edulis, S. Wats. California.

Eugeissona, Griff.

E. triste, Griff. Malaya.

Euterpe, Gaertn.

E. edulis, Mart. Trop. America.

E. montana, Graham. Grenada. Bot. Mag. t. 3874.

E. oleracea, Mart. Brazil.

E. speciosa Hort. Herrenhausen.

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Euterpe--cont.

E. stenophylla, Hort. *Demerara*.

E. sylvestris, Hort. *Van Houtte*.

Geonoma, Willd.

G. acaulis, Mart. Brazil.

G. binervia, Oerst. Costa Rica.

G. Carderi, Hort. See *Prestoea Carderi*.

G. fenestrata, Wendl. See *Malortiea gracillis*.

G. ghiesbreghtiana, Lindl. See *Calypstrogyne ghiesbreghtiana*.

G. gracilis, Wendl. Costa Rica.

G. pohliana, Mart. Brazil.

G. princeps, Hort. Colombia.

G. pumila, Wendl. Colombia.

G. schottiana, Mart. Brazil.

G. Seemanni, Wendl. Nicaragua.

G. spixiana, Mart. Brazil.

Glaziova, Mart. See *Cocos*.

Grisebachia, Wendl. See *Howea*.

Gronophyllum, Scheff.

G. microcarpum, Scheff. Malaya.

Guilielma, Spreng. See *Bactris*.

G. speciosa, Mart. See *Bactris major*.

Hedyscepe, Wendl. & Drude.

H. canterburyana, W. & D. Lord Howe's Island.

Heterospathe, Scheff.

H. elata, Scheff. Amboyna.

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Howea, Becc.

H. belmoreana, *Becc.* Lord Howe's Isld. Bot. Mag. t. 7018.

H. forsteriana, *Becc.* Lord Howe's Isld.

Hydriastele, Wendl. & Drude.

H. wendlandiana, *W. & D.* Trop. Australia.

Hyophorbe, Gaertn.

H. amaricaulis, *Mart.* Mauritius.

H. indica, *Gaertn.* Mascarene Islands.

H. Verschaffeltii, *Wendl.* Mascarene Islands.

Hyphaene, Gaertn.

H. crinita, *Gaertn.* S. Africa.

H. natalensis, *Kunze.* See *crinita*.

H. Schatan, *Bojer.* Madagascar.

H. thebaica, *Mart.* Trop. Africa.

Iriarteia, Ruiz & Pav.

I. Bungerothii, *Hort.* Linden.

I. exorrhiza, *Mart.* See *Socratea exorrhiza*.

Jessenia, Karst.

J. amazonum, *Drude.* Brazil.

Juania, Drude.

J. australis, *Drude.* Juan Fernandez.

Jubaea, H. B. & K.

J. spectabilis, *H. B. & K.* Chili.

Kentia, Blume.

K. australis, *Hort.* Lord Howe's Island.

K. belmoreana, *F. Muell.* See *Howea belmoreana*.

1. The first part of the paper is devoted to a general discussion of the problem.

2. In the second part, we consider the case of a single particle.

3. The third part is devoted to the case of a system of particles.

4. In the fourth part, we consider the case of a continuous medium.

5. The fifth part is devoted to the case of a system of continuous media.

6. In the sixth part, we consider the case of a system of particles and continuous media.

7. The seventh part is devoted to the case of a system of particles and continuous media.

8. In the eighth part, we consider the case of a system of particles and continuous media.

9. The ninth part is devoted to the case of a system of particles and continuous media.

Kentia—*cont.*

K. canterburyana, F. Muell. See *Hedyscepe canterburyana*.

K. elegans, Brong. See *Cyphophoenix elegans*.

K. elegantissima, Linden. Hab. —?

K. forsteriana, F. Muell. See *Howea forsteriana*.

K. Lindeni, Linden. See *Kentiopsis macrocarpa*.

K. Luciani, Linden. Hab. —? Ill. Hort. 1882, t. 451.

K. Macarthurii, Hort. See *Ptychosperma Macarthurii*.

K. wendlandiana, F. Muell. See *Hydriastele wendlandiana*.

Kentiopsis, Brong.

K. macrocarpa, Brong. New Caledonia.

K. olivaeformis, Brong. New Caledonia.

Korthalsia, Blume.

K. Junghuhnii, Miq. Java.

K. scaphigera, Mart. Malacca.

Laccosperma, Wendl. See *Ancistrophyllum*.

Latania, Comm.

L. aurea, Hort. See *Verschaffeltii*.

L. borbonica, Lamk. See *Livistona chinensis*.

L. Commersoni, L. Mauritius and Bourbon.

L. glaucophylla, Hort. See *Loddigesii*.

L. Loddigesii, Mart. Mauritius.

L. rubra, Jacq. See *Commersoni*.

L. Verschaffeltii, L. Mauritius.

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Leopoldinia, Mart.

L. pulchra, Hort. See *Cocos weddelliana*.

Licuala, Thunb.

L. acutifida, Mart. Malaya.

L. amplifrons, Miq. Sumatra.

L. elegans, Blume. Sumatra.

L. grandis, Wendl. New Britain. Bot. Mag. t. 6704.

L. horrida, Blume. See *spinosa*.

L. Jeannencyi, Wright. New Caledonia.

L. Muellerii, Benth. Queensland.

L. peltata, Roxb. India.

L. Rumphii, Blume, Moluccas.

L. spinosa, Wurm. Malaya.

L. triphylla, Griff. Malaya.

Linospadix, Becc.

L. Micholitzii, Ridley. Malaya.

Livistona, Br.

L. altissima, Zoll. Java.

L. australis, Mart. Australia. Bot. Mag. t. 6274.

L. chinensis, Br. China and Japan.

L. Drudei, Wendl. Hab. — ?

L. Hoogendorpii, Teijsm. & Binn. Java.

L. humilis, R. Br. Australia.

L. inermis, R. Br. See *humilis*.

L. jenkinsiana, Griff. Assam.

L. Leichardtii, F. Muell. See *humilis*.

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Livistona—*cont.*

- L. mauritiana*, Wall. *See chinensis.*
L. olivaeformis, Mart. Java.
L. Ramsayi, F. Muell. *See Licuala Muelleri.*
L. rotundifolia, Mart. Java.
L. subglobosa, Mart. Java.
L. Woganii, Hort. Sander.

Lodoicea, *Comm.*

- L. sechellarum*, Labill. Seychelles. Bot. Mag. t. 2734.

Loxococcus, *Wendl & Drude.*

- L. rupicola*, W. & D. Ceylon. Bot. Mag. t. 6358.

Manicaria, *Gaertn.*

- M. saccifera*, Gaertn. N. Brazil to Cent. America.

Martinezia, *Ruiz & Pav.*

- M. Aiphanes*, Kl. Caracas.
M. caryotaefolia, H.B. & K. Colombia. Bot. Mag. t. 6854.
M. corallina, Mart. Martinique.
M. lindeniana, Wendl. Colombia.

Mauritia, *L. f.*

- M. flexuosa*, L. f. Brazil & Guiana.

Maximiliana, *Mart.*

- M. caribaea*, Gr. & Wendl. W. Indies.
M. Jagua, Seem. Colombia.
M. martiana, Karst. Brazil and Guiana.
M. regia, Mart. *See martiana.*

Metroxylon, Rottb.

M. amicarum, Wendl. Friendly Islands.

M. vitiense, Wendl. Fiji.

Myrialepis, Becc.

M. Scortechini, Becc. Malaya.

Nannorhops, Wendl.

N. ritchieana, Wendl. N. W. India.

Nenga, Wendl. & Drude.

N. sphaerocarpa, Becc. New Guinea.

N. wendlandiana, Scheff. Java.

Nephrosperma, Balf. f.

N. van-houtteana, Balf. f. Seychelles.

Nipa, Wurm.

N. fruticans, Thunb. Sunderbunds to Australia.

Oncosperma, Blume.

O. fasciculata, Thw. Ceylon.

O. filamentosa, Blume. Malaya.

O. tigillaria, Hort. Singapore.

Orania, Zippell.

O. macrocladus, Mart. Malaya.

O. philippinensis, Scheff. Phillippines.

Orbignya, Mart.

O. Lydiae, Drude. Brazil.

O. Sagotii, Hort. Demerara.

Oreodoxa, Willd.

O. oleracea, Mart. W. Indies.

O. regia, H. B. & K. Cuba and Panama.

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Phoenix, *L.*

- P. acaulis*, *Buch.* India.
P. andamanensis, *Hort.* Andamans.
P. canariensis, *Hort.* Canary Islands.
P. dactylifera, *L.* N. Africa.
P. farinifera, *Roxb.* Deccan.
P. hanceana, *Naud.* *See humilis.*
P. humilis, *Royle.* India and China.
 Var. hanceana, *Becc.*
 Var. Lourierii, *Becc.*
 Var. ouseleyana.
 Var. pedunculata, *Becc.*
 Var. Roebelini.
P. hybrida, *André.* Garden origin.
P. Jubae, *Webb.* *See canariensis.*
P. leonensis, *Lodd.* *See reclinata.*
P. melanocarpa, *Naud.* Garden origin.
P. ouseleyana, *Griff.* *See humilis.*
P. paludosa, *Roxb.* India and Cochin China.
P. pedunculata, *Griff.* *See humilis.*
P. pumila, *Hort.* Hab. —?
P. pusilla, *Lour.* *See humilis*, var. *Loureirii.*
P. reclinata, *Jacq.* S. E. Africa.
P. Roebelini, *O'Brien.* *See humilis.*
P. rupicola, *T. Anders.* Himalaya.
P. spinosa, *Thonn.* W. Trop. Africa.
P. sylvestris, *Roxb.* India.
 Var. exilis.

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Phoenix—cont.

P. tenuis, Hort. See *canariensis*.

P. zanzibarensis, Hort. See *reclinata*.

P. zeylanica, Trimen. Ceylon.

Pholidocarpus, Blume.

P. Ihur, Blume. Malaya.

Phytelephas, Ruiz & Pav.

P. macrocarpa, R. & P. Colombia.

P. microcarpa, R. & P. Peru.

Pinanga, Blume.

P. coronata, Blume. Celebes.

P. decora, Lind. & Rod. Borneo.

P. Dicksoni, Blume. India.

P. disticha, Blume. Malaya.

P. gracilis, Blume. India.

P. maculata, Porte. Phillippines.

P. malayana, Scheff. Malaya.

P. paradoxa, Scheff. Malaya.

P. spectabilis, Hort. Bull. East Indies.

Plectocomia, Mart.

P. assamica, Griff. Assam.

P. elongata, Mart. Java. Sumatra. Penang.

P. Griffithii, Becc. Malacca.

P. spectabilis, Hort. Hab.—?

Podococcus, Mann & Wendl.

P. Barteri, M. & W. Trop. Africa.

1. The first part of the document is a list of the names of the persons who were present at the meeting.

2. The second part of the document is a list of the names of the persons who were absent from the meeting.

3. The third part of the document is a list of the names of the persons who were present at the meeting.

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*Prestoea, Hook. f.**P. Carderi, Hook. f.* Colombia. Bot. Mag. t. 7108.*P. montana, Hook. f.* Grenada.*P. trinitensis, Hook. f.* Trinidad.*Pritchardia, Seem. & Wendl.**P. aurea, Linden.* Fiji.*P. filifera, Linden.* See *Washingtonia filifera*.*P. Gaudichaudii, Wendl.* Sandwich Islands.*P. grandis, Hort.* See *Licuala grandis*.*P. macrocarpa, Linden.* See *Gaudichaudii*.*P. Martii, Wendl.* Sandwich Islands.*P. pacifica, Seem. & Wendl.* Fiji.*P. pericularum, Wendl.* Potomou Islands.*P. Thurstoni, F. Muell. & Drude.* Fiji.*P. vuylstekiana, Wendl.* Potomou Islands.*Pseudophoenix, Wendl.**P. Sargentii, Wendl.* Florida.*Ptychococcus, Becc.**P. paradoxus, Becc.* New Guinea.*Ptychoraphis, Becc.**P. augusta, Becc.* Nicobar Islands.*P. singaporensis, Becc.* Malaya.*Ptychosperma, Labill.**P. Alexandrae, F. Muell.* See *Archontophoenix Alexandrae*.*P. angustifolia, Blume.* See *Coleospadix oninensis*.

Ptychosperma—*cont.*

P. Beatricae, *F. Muell.* Australia.

P. cunninghamiana, Wendl. See *Archontophoenix cunninghamiana*.

P. disticha, Miq. See *Pinanga disticha*.

P. elegans, *Blume.* Australia.

P. filifera, Wendl. See *Vitiphoenix filifera*.

P. Macarthurii, *Wendl.* Australia.

P. paradoxa, Scheff. See *Ptychococcus paradoxus*.

P. perbreve, Wendl. See *Balaka perbrevis*.

P. rupicola, Thw. See *Loxococcus rupicola*.

P. Seemanni, Wendl. See *Balaka Seemanni*.

P. singaporensis, Becc. See *Ptychoraphis singaporensis*.

Raphia, *Beauv.*

R. Hookeri, *Mann & Wendl.* Trop. Africa.

R. pedunculata, *Beauv.* Madagascar.

R. Ruffia, Mart. See *pedunculata*.

R. vinifera, *Beauv.* Trop. Africa.

Ravenia, *Wendl. and Bouché.*

R. Hildebrandtii, *W. & B.* Comoro Islands. Bot. Mag. t. 6776.

Rhapidophyllum, *Wendl. & Drude.*

R. hystrix, *W. & D.* S. United States.

Rhapis, *L.*

R. flabelliformis, *L'Herit.* China and Japan.

Var. *variegata*.

R. humilis, *Blume.* China.

1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 26

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Rhopaloblaste, Scheff.

R. hexandra, Scheff. Moluccas.

R. singaporensis, Benth. & Hook. See *Ptychoraphis singaporensis*.

Rhopalostyle, Wendl. & Drude.

R. Baueri, W. & D. Norfolk Island. Bot. Mag. t. 5935.

R. sapida, W. & D. New Zealand.

Roscheria, Wendl.

R. melanochaetes, Wendl. Mascarene Islands.

Sabal, Adans.

S. Adansoni, Guerns. S. United States.

S. blackburniana, Glazebr. Bermuda.

S. coerulescens, Hort. Colombia.

S. filamentosa, Wendl. Jamaica.

S. glaucescens, Lodd. Trinidad.

S. major, Wendl.

S. mauritiaeformis, Gr. and Wendl. W. Indies.

S. mexicana, Mart. Mexico.

S. minor, Pers. See *Adansoni*.

S. Palmetto, Lodd. S. United States.

S. Sanfordi, Linden. Florida.

S. umbraculifera, Mart. See *blackburniana*.

Sagus, Blume. See *Metroxylon*.

Saguerus, Roxb. See *Arenga*.

Scheelea, Karst.

S. amylacea, Barb. Rod. Brazil.

1. The first part of the
 paper is devoted to a
 general introduction to the
 subject. It is divided into
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 section deals with the
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 the second section deals
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 section is divided into
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 deals with the history of
 the subject from the
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 to the present, the second
 part deals with the history
 of the subject from the
 middle of the century to
 the present, and the third
 part deals with the history
 of the subject from the
 end of the century to the
 present. The second
 section is divided into
 two parts: the first part
 deals with the present
 state of the subject, and
 the second part deals with
 the future of the subject.

The second part of the
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 the second section deals
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 section is divided into
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 end of the century to the
 present. The second
 section is divided into
 two parts: the first part
 deals with the present
 state of the subject, and
 the second part deals with
 the future of the subject.

Scheelea—*cont.*

S. excelsa, *Karst.* Colombia.

S. Unguis, *Karst.* Venezuela.

Schizothrinax, *Wendl.*

S. Wallisii, *Wendl.* Colombia.

Seaforthia, R. Br. See *Ptychosperma*.

S. Dicksonii, Mart. See *Pinanga Dicksonii*.

S. elegans, Hook. See *Archontophoenix Cunninghamii*.

Serenoa, *Hook.*

S. serrulata, *Hook.* S. United States.

Socratea, *Karst.*

S. exorrhiza, *Wendl.* Mexico.

Stevensonia, *Duncan.*

S. grandifolia, *Dunc.* Seychelles. Bot. Mag. t. 7277.

Syagrus, Mart. See *Cocos*.

Synechanthus, *Wendl.*

S. fibrosus, *Wendl.* Guatemala. Bot. Mag. t. 6572.

Thrinax, *L.*

T. arborea, Hort. See *Acanthorhiza arborea*.

T. argentea, *Lodd.* W. Indies.

T. barbadensis, *Lodd.* Barbados.

T. crinita, Gr. & *Wendl.* Cuba.

T. elegans, Hort. See *radiata*.

T. excelsa, *Griseb.* Jamaica. Bot. Mag. t. 7078.

T. Garberi, *Chapm.* Florida.

T. gracilis, Hort. See *radiata*.

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Thrinax—*cont.*

T. Martii, *Griseb.* Cuba.

T. Miraguana, *Hook.* Cuba.

T. Morrisii, *Wendl.* W. Indies. *Gard. Chron.* 1891, ix. 700, fig. 134.

T. multiflora, *Mart.* Dominica.

T. parviflora, *Sw.* W. Indies.

T. Pumilio, *Lodd.* Jamaica.

T. radiata, *Lodd.* W. Indies.

Trachycarpus, *Wendl.*

T. excelsa, *Wendl.* India, China, and Japan. *Bot. Mag.* t. 5221.

T. Fortunei, *Wendl.* *See excelsa.*

T. khasyana, *Wendl.* *See martiana.*

T. martiana, *Wendl.* Himalaya. *Bot. Mag.* t. 7128.

Trithrinax, *Mart.*

T. acanthocoma, *Drude.* Brazil.

T. aculeata, *Liebm.* *See Acanthorhiza aculeata.*

T. brasiliensis, *Mart.* Brazil.

Veitchia, *Wendl.*

V. Johannis, *Wendl.* Fiji.

V. Storckii, *Wendl.* Fiji.

Verschaffeltia, *Wendl.*

V. melanochaetes, *Wendl.* *See Roscheria melanochaetes.*

V. splendida, *Wendl.* Seychelles.

Vitiphoenix, *Becc.*

V. filifera, *Becc.* Fiji.

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• *Journal of the American Medical Association* 1991; 265: 1001-1002

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Journal of Management Studies, 1987, 20(6), 631-641

1. *Chlorophyll a* (mg/g)

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Wallichia, Roxb.

W. caryotoides, *Roxb.* Chittagong and Burma.

W. densiflora, *Mart.* Himalaya. Bot. Mag. t. 4584.

W. disticha, *T Anders.* Himalaya.

W. nana, *Griff.* See *Didymosperma nana*.

W. porphyrocarpa, *Mart.* See *Didymosperma porphyrocarpon*.

Washingtonia, Wendl.

W. filifera, *Wendl.* California.

W. robusta, *Wendl.* See *filifera*.

W. Sonorae, *S. Wats.* California.

Welfia, Wendl.

W. regia, *Wendl.* Colombia.

Zalacca, Reinw.

Z. glabrescens, *Griff.* Penang.

Pandaneae.**Freycinetia, Gaud.**

F. angustifolia, *Blume.* Malaya.

F. Banksii, *Cunn.* New Zealand.

F. insignis, *Blume.* Java and Andamans.

Pandanus, Linn. f.

P. amaryllidifolius, *Hort.* See *laevis*,

P. aquaticus, *F. Muell.* North Australia.

P. Baptistii, *Veitch.* New Caledonia.

P. Barklyi, *Balf. f.* Mascarene Islands.

1. The first part of the book is devoted to a general

introduction to the subject of the book.

2. The second part of the book is devoted to a

discussion of the various methods of solving the

problem of the book.

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discussion of the various methods of solving the

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discussion of the various methods of solving the

problem of the book.

Pandanus—cont.

- P. Candelabrum**, *Beauv.* Trop. Africa.
P. conoideus, *Lam.* Malaya.
P. discolor, *Bull.* India.
P. dyerianus, *Hort.* See *Baptistii*.
P. Eydouxia, *Balf. f.* Mascarene Islands.
P. Forsteri, *C. Moore & F. Muell.* Lord Howe's Island.
P. furcatus, *Roxb.* India and Malaya. *Rev. Hort.*, 1879, 290, with fig.
P. graminifolius, *Kurz.* Tenasserim.
P. inermis, *Blanco.* Phillippines.
P. javanicus, *Hort.* Hab. —?
 Var. variegatus.
P. kurzeanus, *Solms.* See *polycephalus*.
P. labyrinthicus, *Kurz.* Malaya. *Bot. Mag. t.* 7063.
P. laevis, *Lour.* India.
P. Lais, *Kurz.* Malaya.
P. microcarpus, *Balf. f.* Mascarene Islands.
P. Millore, *Roxb.* Nicobar Islands.
P. nitidus, *Kurz.* See *stenophyllus*.
P. odoratissimus, *L. f.* Trop. Asia.
P. pacificus, *Veitch.* Pacific Islands.
P. Pancheri, *Balf. f.* New Caledonia.
P. polycephalus, *Lam.* Malaya.
P. pygmaeus, *Thou.* Mascarene Islands. *Bot. Mag. t.* 4736.
P. reflexus, *Lodd.* Mascarene Islands.
P. spectabilis, *Hort. Williams.*

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Pandanus—*cont.*

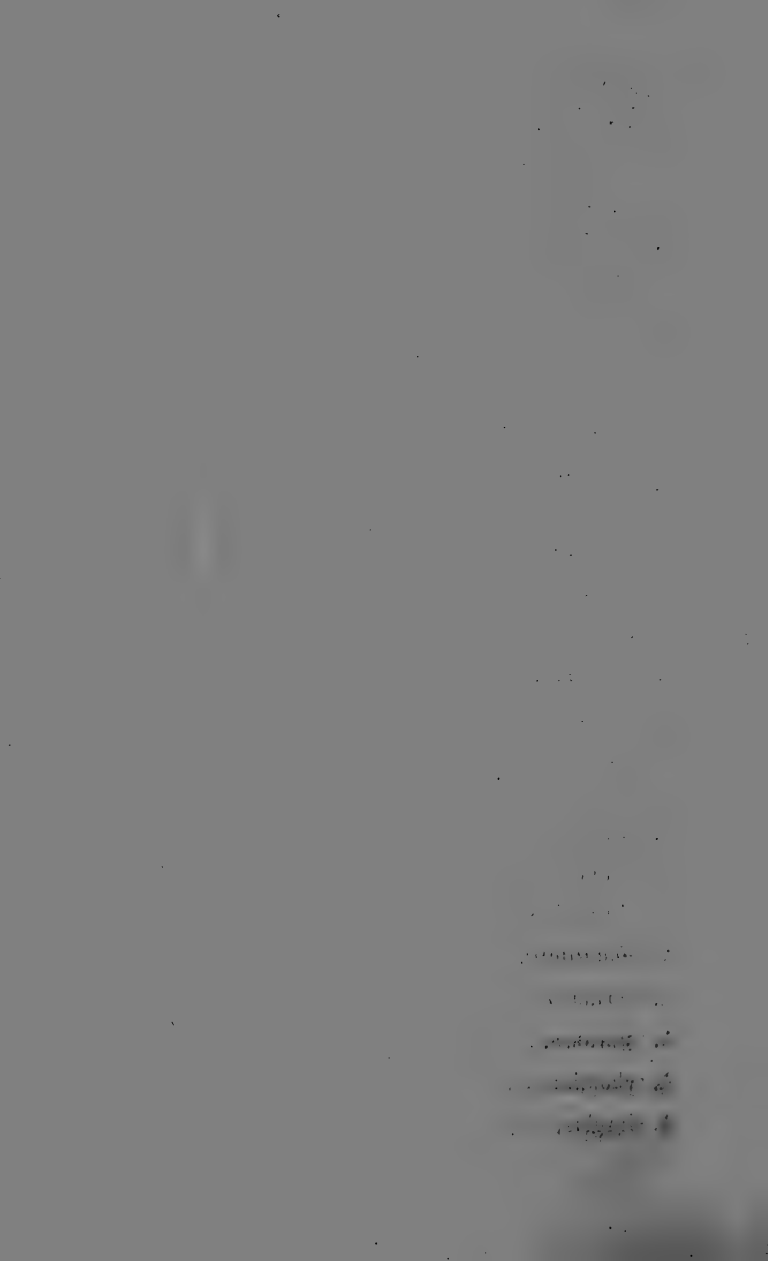
- P. sphaeroideus*, *Thou.* Mascarene Islands.
P. stenophyllus, *Kurz.* Java.
P. sylvestris, *Bory.* Mascarene Islands.
P. utilis, *Bory.* Madagascar.
P. Vandermeeschii, *Balf. f.* Mascarene Islands.
 Var. maritimus.
P. Veitchii, *Hort.* Polynesia.
P. zeylanicus, *Solms.* Ceylon.

Cyclanthaceae.

Carludovica, *Ruiz & Pav.*

- C. acaulis*, *Hort.* See *Caput-Medusae*.
C. atrovirens, *Wendl.* Colombia.
C. Caput-Medusae, *Hook. f.* Hab—? Bot. Mag. t. 7118.
C. Gardneri, *Hook.* Brazil.
C. humilis, *Poepp. & Endl.* Peru.
C. latifolia, *Ruiz & Pav.* W. Indies.
C. (Salmia) laucheana, *Hort. Sander.* Antioquia.
C. microcephala, *Hook. f.* Costa Rica. Bot. Mag. t. 7263.
C. moritziana, *Klotzsch.* Colombia.
C. palmata, *Ruiz & Pav.* S. America.
C. plicata, *Klotzsch.* Colombia.
C. Plumerii, *Kunth.* W. Indies.
C. rotundifolia, *Wendl.* Costa Rica. Bot. Mag. t. 7083.
C. Wallisii, *Regel.* Colombia.

*Cyclanthus, Poit.**C. bipartitus, Poit.* Trop. America.*C. cristatus, Klotzsch.* Colombia.*Ludovia, Brong.**L. crenifolia, Drude.* Brazil.*Salmia, Willd.* See *Carludovica*.**Aroideae.***Aglaonema, Schott.**A. acutispathum, N. E. Br.* China.*A. angustifolium, N. E. Br.* Straits Settlements.*A. commutatum, Schott.* Manila.Var. *pictum*.*A. costatum, N. E. Br.* Perak.*A. Haenkii, Schott.* Philippines.*A. hookerianum, Schott.* India.*A. malaccense, Schott.* See *hookerianum*.*A. Mannii, Hook. f.* W. Trop. Africa. Bot. Mag.
t. 5760.*A. marantifolium, Blume.* Malaya.*A. minus, Hook. f.* Siugapore.*A. nitidum, Kth.* See *oblongifolium*.*A. oblongifolium, Schott.* Malaya.*A. pictum, Kth.* Malaya.*A. pumilum, Hook. f.* Malaya.*A. schottianum, Miq.* Malaya.*A. simplex, Blume.* Java.



Alocasia, Schott.

A. alba, Schott. Java.

A. amabilis, Hort. See *longiloba*.

A. argyrea, Sander. Hab.—?

A. augustiana, Lind. & Rod. Papua. Illust. Hort. 1886, t. 593.

A. Beccarii, Engler. Perak.

A. Boryi, Schott. See *indica* var. *variegata*.

A. chantrieriana, André. Garden hybrid. Illust. Hort. 1888, t. 64.

A. Chelsonii, Nichols. Garden hybrid (*metallica* × *macrohiza*).

A. cucullata, Schott. India.

A. cuprea, Koch. Borneo. Bot. Mag. t. 5190.

A. Curtisii, N. E. Br. Penang.

A. decipiens, Schott. India.

A. denudata, Engler. Singapore.

A. eminens, N. E. Br. Malaya.

A. gigantea, Hort. See *longiloba*.

A. indica, Schott. Trop. Asia.

Var. *metallica*.

Var. *variegata*.

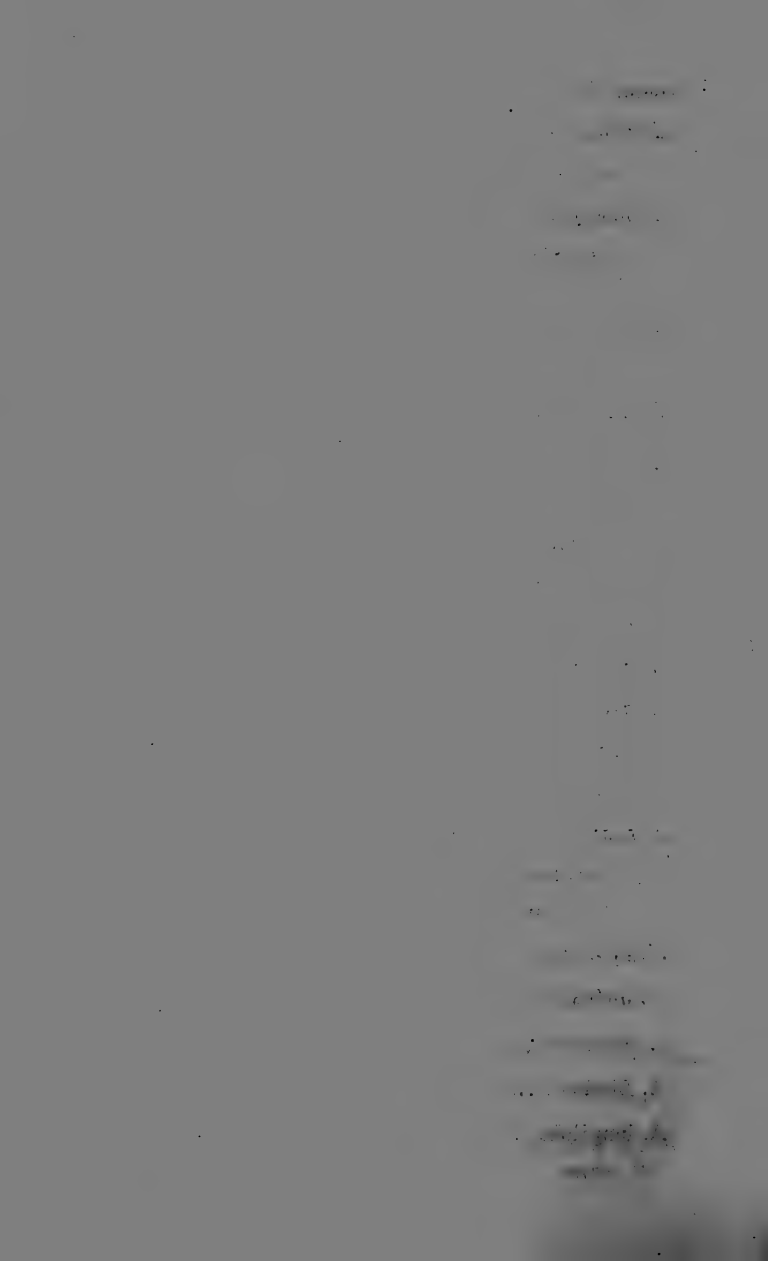
A. Jenningsii, T. Moore. See *Colocasia affinis*.

A. Johnstonii, Bull. See *Cyrtosperma Johnstonii*.

A. Kerchovei, Hort. Hab.—?

A. Lindeni, Rod. New Guinea.

A. longiloba, Miq. Malaya.



Alocasia—*cont.*

- A. Lowii*, *Hook.* Borneo. Bot. Mag. t. 5376.
Var. *grandis*.
- A. macrorrhiza*, *Schott.* Trop. Asia.
Var. *variegata*.
- A. marginata*, *N. E. Br.* Brazil.
- A. metallica*, *Hook.* See *cuprea*.
- A. perukensis*, *Hemsl.* See *Beccarii*.
- A. Portei*, *Schott.* New Guinea.
- A. princeps*, *Hort.* Malaya.
- A. pucciana*, *André.* Garden hybrid.
- A. Putzeysi*, *N. E. Br.* Sumatra. Ill. Hort. 1882, t. 439.
- A. Regina*, *N. E. Br.* Borneo.
- A. reversa*, *N. E. Br.* Philippines. Bot. Mag. t. 7498.
- A. sanderiana*, *Bull.* Philippines.
- A. scabriuscula*, *N. E. Br.* Borneo.
- A. Sedeni*, *Veitch.* Garden hybrid (*cuprea* × *Lowii*).
- A. singaporensis*, *Linden.* Malaya.
- A. thibautiana*, *Mast.* Borneo.
- A. van-houtteana*, *Hort.* Hab.—?
- A. Veitchii*, *Schott.* See *Lowii*.
- A. watsoniana*, *Hort.* See *Putzeysi*.
- A. zebrina*, *Schott.* Manila.

Amorphophallus, *Blume.*

- A. bulbifer*, *Blume.* India. Bot. Mag. tt. 2072–2508.
- A. campanulatus*, *Hort.* See *virens*.

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Amorphophallus—*cont.*

- A. Eichleri*, *Hook. f.* Congo. Bot. Mag. t. 7091.
- A. Elliotii*, *Hook. f.* Sierra Leone. Bot. Mag. t. 7349.
- A. Galbra*, *Bailey*. Queensland.
- A. haematospadix*, *Hook. f.* Penang ?.
- A. Konjac*, K. Koch. See *Rivieri*.
- A. leonensis*, *Lem.* Trop. Africa.
- A. oncophyllus*, *Prain.* Andamans. Bot. Mag. t. 7327.
- A. Prainii*, *Hook. f.* Malaya.
- A. Rex*, *Prain.* Java.
- A. Rivieri*, *Dur.* Cochin China. Bot. Mag. t. 6195.
- A. Teusczii*, *Hort.* See *Eichleri*.
- A. variabilis*, *Benth.* Trop. Asia.
- A. virosus*, *N. E. Br.* India. Bot. Mag. t. 6978.
- A. zeylanicus*, *Blume.* See *Synantherias sylvatica*.

Amydrium, *Schott.*

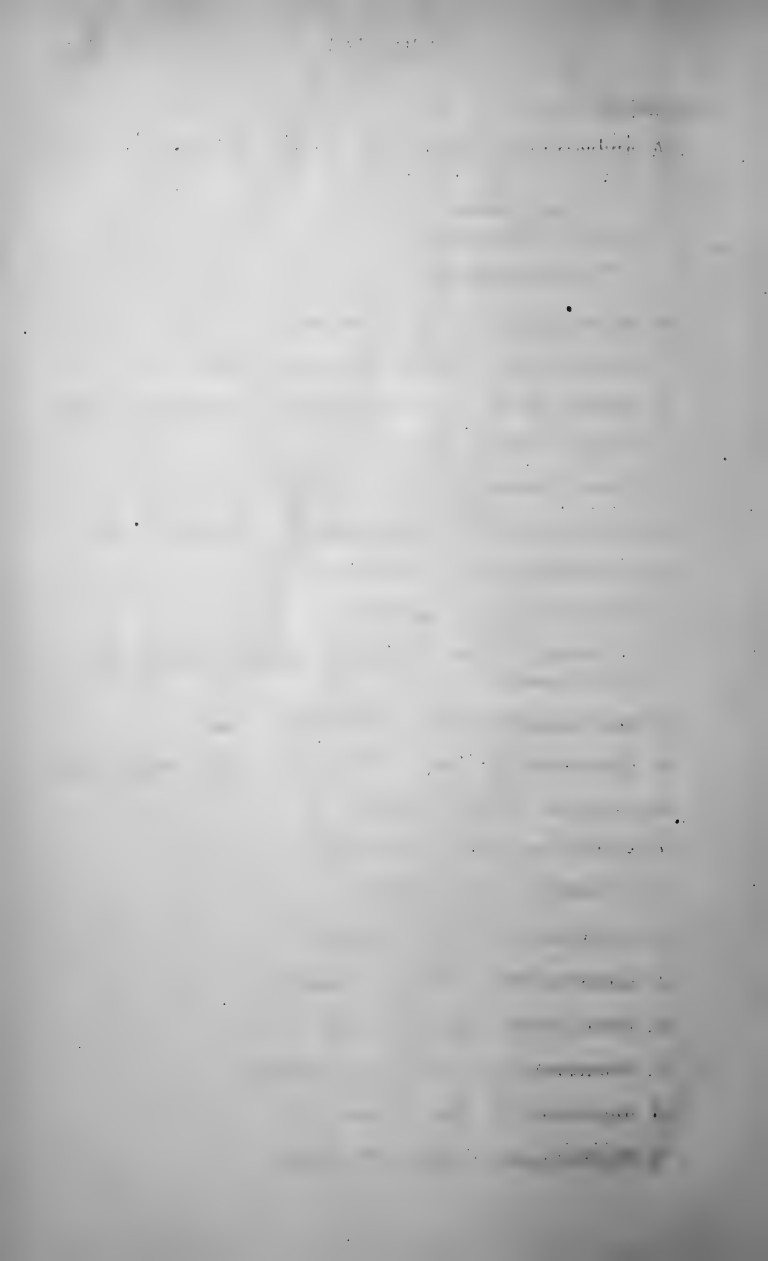
- A. humile*, *Schott.* Borneo.

Anadendrum, *Schott.*

- A. medium*, *Schott.* Malaya.

Anthurium, *Schott.*

- A. acaule*, *Schott.* W. Indies.
- A. aeranthe*, *Baker.* Trop. America. Bot. Ref. t. 278.
- A. affine*, *Schott.* Brazil.
- A. albanense*, *Hort.*
- A. amplum*, *Kth.* See *Hookeri*.
- A. andicola*, *Liebm.* Mexico.



Anthurium—*cont.*

- A. andreanum*, *Linden*. Colombia. Ill. Hort. 1877, 43. t. 271.
 Var. purpureum.
 Var. salmoneum.
 Var. sanguineum.
- A. appunianum*, *Schott.* Venezuela.
- A. augustinum*, *K. Koch.* *See* *trinervium*.
- A. Bakeri*, *Hook. f.* Cent. America. Bot. Mag. t. 6261.
- A. bellum*, *Schott.* Brazil.
- A. beyrichianum*, *Kth.* *See* *Harrisii*.
- A. Binoti*, *Linden.* Trop. America. Gartenfl. t. 723.
- A. bogotense*, *Schott.* Colombia.
- A. Brownii*, *Mast.* Colombia.
- A. carneum*, *Hort.* Garden hybrid (*andreanum* × *lindenianum*).
- A. cartilagineum*, *Kth.* Venezuela.
- A. Chamberlaini*, *Mast.* ? Venezuela. Bot. Mag. t. 7297.
- A. comptum*, *Schott.* Brazil.
- A. cordifolium*, *Kth.* Costa Rica.
- A. coriaceum*, *Endl.* Brazil.
- A. costatum*, *K Koch.* Venezuela.
- A. crassinervium*, *Schott.* Panama.
- A. cristallinum*, *Linden.* Peru.
- A. cucullatum*, *K. Koch.* *See* *andicola*.
- A. digitatum*, *G. Don.* Peru.
- A. dominicense*, *Schott.* W. Indies.

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Anthurium—*cont.*

- A. duvivierianum*, *Hort.*
- A. emarginatum*, *Baker.* Trop. America. Bot. Ref. t. 274.
- A. ferrierense*, *Hort.* Garden hybrid.
- A. fraternum*, *Schott.* Colombia. Biol. Cent. Amer. t. 97.
- A. Galeottii*, *K. Koch.* Colombia.
- A. gaudichaudianum*, *Kth.* Brazil.
- A. glaucescens*, *De Smet.*
- A. Glaziovii*, *Hook. f.* Brazil. Bot. Mag. t. 6833.
- A. gracile*, *Lindl.* Guiana. Bot. Reg. t. 1635.
- A. grande*, *Hort.* See *magnificum*.
- A. grandifolium*, *Kth.* Colombia.
- A. Guildingii*, *Schott.* W. Indies.
 Var. sessile.
- A. Gustavi*, *Regel.* Colombia. Bot. Mag. t. 7437.
- A. Hahnii*, *Regel.* Martinique.
- A. Harrisii*, *G. Don.* Brazil.
 Var. assimile.
 Var. consanguineum.
 Var. pulchrum.
- A. hastiferum*, *Linden.* See *hybridum*.
- A. Hoffmanni*, *Schott.* Costa Rica. Bot. Ref. t. 180.
- A. Hookeri*, *Kth.* W. Indies. Bot. Mag. t. 2987.
- A. houllettianum.* Garden hybrid (*magnificum* × *andreaeanum*).
- A. Hugelii*, *Schott.* W. Indies.
- A. hybridum*, *Hort.* Hab.—?

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Anthurium—*cont.*

- A. inconspicuum*, *N. E. Br.* Brazil.
- A. intermedium*, *Kth.* See *Harrisii*.
- A. isarense*, *André.* Garden hybrid.
- A. Kalbreyeri*, *Hort.* Colombia.
- A. laucheanum*, *K. Koch.* Brazil.
- A. leodiense*, *Hort.* Garden hybrid (*Veitchii* \times *andreanum*).
- A. leptostachyum*, *Schott.* See *olfersianum*.
- A. leuconeuron*, *Lem.* Trop. America. Ill. Hort. 1862, t. 314.
- A. Lievensii*, *Hort.*
- A. lindenianum*, *K. Koch.* Colombia.
- A. Lindigii*, *Her.* See *lindenianum*.
- A. longifolium*, *G. Don.* Brazil.
Var. *elongellum*.
- A. longipes*, *N. E. Br.* Brazil.
- A. lucidum*, *Kth.* Brazil.
- A. macrolobum*, *Hort.* Garden hybrid (*leuconeuron* \times *pedato-radiatum*).
- A. magnificum*, *Linden.* Colombia.
- A. margaritaceum*, *Baker.* See *Hoffmanni*.
- A. martianum*, *K. Koch.* Guiana.
- A. maximilianum*, *Schott.* Brazil.
- A. microphyllum*, *G. Don.* Brazil.
- A. miquelianum*, *K. Koch.* Brazil.
- A. mooreanum*, *Hort.* Garden hybrid (*crystallinum* \times *subsignatum*).

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Anthurium—*cont.*

- A. mortfontanense*, *Hort.* Garden hybrid (andreanum \times Veitchii).
- A. nymphaefolium*, *K. Koch.* Venezuela.
- A. obscurum*, *Engler.* Brazil.
- A. ochranthum*, *Koch.* Trop. America.
- A. olfersianum*, *Kth.* Brazil.
- A. ornatum*, *Schott.* Venezuela.
- A. Paradisae*, *Hort.* Garden hybrid (andreanum \times ornatum).
- A. parvispathum*, *Hemsl.* Guatemala.
- A. parvum*, *N. E. Br.* Brazil.
- A. pedato-radiatum*, *Schott.* Mexico.
- A. podophyllum*, *Kth.* Mexico.
- A. propinquum*, *N. E. Br.* Brazil.
- A. prochaskaianum*, *Hort.* Garden hybrid (andreanum \times lindenianum).
- A. punctatum*, *N. E. Br.* Ecuador.
- A. radicans*, *K. Koch.* Brazil.
- A. refractum*, *Wendl.*
- A. regale*, *André.* Brazil.
- A. regnellianum*, *Engler.* Brazil.
- A. Roezlii*, *Regel.* Colombia.
- A. rothschildianum*, *Hort.* See *scherzerianum*.
- A. rubrinervium*, *G. Don.* Venezuela.
- A. sagittatum*, *G. Don.* See *rubrinervium*.

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Anthurium---*cont.*

A. scherzerianum, *Schott.* Guatemala. Bot. Mag. t. 5319.

Var. *album*.

Var. *pygmaeum*.

Var. *rothschildianum*.

Var. *sanguineum*.

Var. *Wardii*.

A. Schlechtendalii, *Kth.* Mexico.

A. Selloum, *K. Koch.* W. Indies.

A. sellowianum, *Kth.* Brazil.

A. signatum, *K. Koch.* Colombia. Bot. Mag. t. 6639.

A. splendidum, Bull. Colombia. Bot. Mag. t. 6878.

A. strictum, *N. E. Br.* Paraguay.

A. subsignatum, *Schott.* Costa Rica.

A. tetragonum, *Hook.* Trop. America.

A. trifidum, Oliver. See *trilobum*.

A. trilobum, *Lind.* Colombia.

A. trinervium, *Kth.* Brazil.

A. triphyllum, *Brong.* Bolivia.

A. undatum, *Schott.* Brazil.

A. Veitchii, *Mast.* Colombia. Bot. Mag. t. 6968.

A. violaceum, *Schott.* Trop. America.

Var. *leucocarpum*.

A. viride, *K. Koch.* Trop. America.

A. Wallisii, *Mast.* Colombia.

A. Walujewi, *Regel.* Venezuela.

A. warocqueanum, *Moore.* Colombia.

Anthurium—*cont.*

A. Willdenovii, *Kth.* Brazil.

A. Williamsii, Hort. *See* *scherzerianum* var. *album*.

Ariopsis, *Nimmo*.

A. peltata, *Nimmo*. Himalaya. Bot. Mag. t. 4222.

A. protanthera, N. E. Br. *See* *peltata*.

Arisaema, *Mart.*

A. anomalum, *Hemsl.* Malaya.

A. concinnum, *Schott.* Himalaya. Bot. Mag. t. 5914.

A. consanguineum, *Schott.* Himalaya.

A. curvatum, Roxb. *See* *tortuosum*.

A. Dracontium, *Schott.* N. America. Bot. Reg. t. 668.

A. erubescens, *Schott.* Himalaya.

A. filiforme, *Blume.* Java.

A. fimbriatum, *Mast.* Penang. Bot. Mag. t. 7150.

A. galeatum, N. E. Br. Himalaya. Bot. Mag. t. 5467.

A. Griffithii, *Schott.* Himalaya. Bot. Mag. t. 6491.

A. helleborifolium, *Schott.* *See* *curvatum*.

A. hookerianum, *Schott.* *See* *Griffithii*.

A. Jacquemontii, *Blume.* Himalaya.

A. japonicum, *Blume.* Japan.

A. Leschenaultii, *Blume.* Himalaya. Bot. Mag. t. 5496.

A. Murrayi, *Hook.* The Concan. Bot. Mag. t. 4388.

A. nepenthoides, *Mart.* Himalaya. Bot. Mag. t. 6446.

A. papillosum, Steud. *See* *Leschenaultii*.

A. praecox, De Vriese. *See* *ringens*.

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Arisaema—*cont.*

- A. ringens*, *Schott.* Japan.
- A. speciosum*, *Mart.* Himalaya. Bot. Mag. t. 5964.
- A. tortuosum*, *Schott.* Himalaya. Bot. Mag. t. 5931.
- A. triphyllum*, *Schott.* N. America.
- A. utile*, *Hook. f.* Himalaya. Bot. Mag. t. 6474.
- A. Wrayi*, *Hemsl.* Perak. Bot. Mag. t. 7105.

Arum, L. See Hand-list of Herbaceous plants.

Caladium, *Vent.*

- C. argyrites*, *Hort.* See *Humboldtii*.
- C. bicolor*, *Vent.* S. America.
- Many garden varieties.
- C. Humboldtii*, *Schott.* Brazil. Ill. Hort. 1858, t. 185.
- C. pictum*, D.C. See *bicolor*.
- C. purdieanum*, *Schott.* See *bicolor*.
- C. rubescens*, *N. E. Br.* Brazil.
- C. venosum*, *N. E. Br.* Brazil.
- C. viviparum*, *Lodd.* See *Remusatia vivipara*.
- C. Wightii*, *Lem.* See *bicolor*.

Calla, L. See Hand-list of Herbaceous plants.

Chamaecladon, *Miq.* See *Homalomena*.

Colocasia, *L.*

- C. Antiquorum*, *Schott.* Tropics. Bot. Mag. t. 7634.
- Var. *Fontanesii*.
- C. affinis*, *Schott.* Himalaya. Ill. Hort. 1869, t. 585.
- C. fallax*, *Schott.* Himalaya.



Colocasia—*cont.*

C. indica, Kth. See *Alocasia indica*.

C. Wendlandii, Engler. See *fallax*.

Cryptocoryne, *Fisch.*

C. cordata, *Griff.* Malaya. *Griff. Ic. Pl. Asiat. t. 172.*

Culcasia, *Beauv.*

C. scandens, *Beauv.* Trop. Africa.

Curmeria, Linden & André. See *Homalomena*.

Cyrtosperma, *Griff.*

C. Johnstonii, *N. E. Br.* Solomon Islands.

C. lasioides, *Griff.* Malaya.

C. matvieffianum, L. Lind. See *Podolasia stipitata*.

Dieffenbachia, *Schott.*

D. alliodora, *Linden.* Trop. America.

D. amazonica, *Regel.* Brazil.

D. baraquiniana, *Lem.* Brazil.

D. Bausei, T. Moore. See *picta*.

D. Bowmanni, *Veitch.* Brazil.

D. Carderi, *Bull.* Colombia.

D. grandis, *Hort.* Brazil.

D. illustris, *Bull.* Colombia.

D. imperialis, *André.* Peru. *Ill. Hort. 1871, t. 85.*

D. Jenmani, *Veitch.* Brit. Guiana.

D. lanceola, *Hort.* Colombia.

D. Leopoldii, *Bull.* S. America.

D. magnifica, *Linden.* Venezuela. *Ill. Hort. 1883, t. 482.*

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Dieffenbachia—*cont.*

D. Memoria-Cortii, *Hort.*

D. Parlatorei, *Lind. & André.* Colombia.

D. picta, *Schott.* Brazil.

D. robusta, *K. Koch.* Colombia.

D. Seguine, *Schott.* Trop. America.

Var. *maculata*.

Var. *variegata*.

D. Shuttleworthii, *Regel.* See *picta*.

D. Wallisii, *Linden.* Colombia.

Dracontium, *L.*

D. asperum, *K. Koch.* Brazil.

D. Carderi, *Hook. f.* Colombia. Bot. Mag. t. 6523.

D. foecundum, *Hook. f.* Guiana. Bot. Mag. t. 6808.

D. Gigas, *Engler.* Nicaragua. Bot. Mag. t. 6048.

Dracunculus, *Adans.*

D. canariensis, *Kth.* Canaries.

D. creticus, *Schott.* See *vulgaris*.

D. vulgaris, *Schott.* S. Europe.

Epipremnum, *Schott.*

E. mirabile, *Schott.* Trop. Asia.

Gamochlamys, *Baker.* See *Spathanthemum*.

Godwinia, *Seem.* See *Dracontium*.

Hapaline, *Schott.*

H. Brownii, *Hook. f.* Malaya. Bot. Mag. t. 7325.

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Helicodiceros, Schott.

H. crinitus, Schott. Corsica and Sardinia. Bot. Reg. t. 831.

Homalomena, Schott.

H. coerulescens, Jungh. Malaya.

H. lasioides, Wendl.

H. minus, Griff. See *coerulescens*.

H. paludosa, Hook. f. Perak.

H. picturata, Regel. Colombia.

H. pontederaefolia, Griff. Malaya.

H. rubescens, Kth. India. Gartenfl. 1869, t. 634.

H. rubra, Hassk. See *rubescens*.

H. singaporensis, Regel. Singapore.

H. Wallisii, Regel. Colombia. Bot. Mag. t. 6571.

H. Wendlandii, Schott. Costa Rica.

Hydrosme, Schott. See *Amorphophallus*.

Lasia, Lour.

L. heterophylla, Schott. India and Malaya.

L. spinosa, Thw. See *heterophylla*.

Monstera, Adans.

M. acuminata, K. Koch. Trop. America.

M. Adansonii, Schott. See *pertusa*.

M. borsigiana, Koch. Mexico.

M. decursiva, Schott. See *Rhaphidophora decursiva*.

M. deliciosa, Liebm. Mexico.

M. dimidiata, Schott. See *acuminata*.

M. holtoniana, Schott. See *pertusa*.

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Monstera—*cont.*

- M. Jacquinii*, Schott. *See* *pertusa*.
M. obliqua, Miq. Brazil and Guiana.
M. pertusa, Schott. Trop. America.
M. pinnata, Schott. *See* *Epipremnum mirabile*.
M. surinamensis, Schott. *See* *pertusa*.
M. tenuis, K. Koch. (*Marcgravia paradoxa*, Hort.) Cent. America.

Montrichardia, *Cruzg.*

- M. aculeata*, *Crueg.* Brazil.
M. arborescens, Schott. *See* *aculeata*.

Nephthytis, *Schott.*

- N. liberica*, *N.E. Br.* W. Trop. Africa.
N. picturata, *N.E. Br.* Congo.

Philodendron, *Schott.*

- P. albo-vaginaturn*, K. Koch. *See* *lacerum*.
P. amazonicum, Linden. *See* *laciniosum*.
P. andreanum, *Devans.* Colombia.
P. asperatum, K. Koch. Brazil.
P. augustinum, K. Koch. Colombia.
P. bipennifolium, Schott. *See* *panduraeforme*.
P. cannaefolium, *Mart.* Brazil.
P. Carderi, Hort. *See* *verrucosum*.
P. crassinervium, Lindl. Brazil.
P. crinitum, Hort. *See* *squamiferum*.
P. cuspidatum, K. Koch. *See* *scandens*.
P. daguense, André. *See* *verrucosum*.

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Philodendron—cont.

- P. dilaceratum*, Hort. See *Raphidophora decursiva*.
- P. dolosum*, Schott. Brazil.
- P. elongatum*, Engler. Brazil.
- P. erubescens*, K. Koch. Colombia.
- P. eximium*, Schott. Brazil.
- P. giganteum*, Schott. Trop. America.
- P. Glaziovii*, Hook. f. Brazil. Bot. Mag. t. 6813.
- P. gloriosum*, André. Colombia. Ill. Hort. 1876, t. 262.
- P. grandifolium*, Schott. Venezuela.
- P. hastatum*, K. Koch. Brazil.
- P. Hookeri*, Schott. Guiana.
- P. Imbe*, Schott. Brazil.
- P. imperialis*, Schott. Bahia.
- P. karstenianum*, Schott. Venezuela.
- P. lacerum*, Schott. W. Indies.
- P. laciniosum*, Schott. Brazil.
- P. latifolium*, K. Koch. Venezuela.
- P. Mamei*, André. Ecuador. Rev. Hort. 1883, 104, fig. 21.
- P. melanochrysum*, André. Colombia. Ill. Hort. 1873, t. 149.
- P. micans*, K. Koch. Colombia.
- P. ornatum*, Schott. Brazil.
- P. oxycardium* Schott. See *scandens*.
- P. panduraeforme*, Kth. Brazil.
- P. pedatum*, Kth. See *laciniosum*.
- P. quercifolium*, Regel. See *laciniosum*.

Philodendron—*cont.*

- P. rubens*, *Schott.* Venezuela.
- P. sagittifolium*, *Liebm.* Mexico.
- P. sanguineum*, *Regel.* Mexico.
- P. scandens*, *K. Koch.* Trop. America.
- P. Selloum*, *K. Koch.* Brazil.
- P. Simsii*, *Sweet.* Guiana.
- P. speciosum*, *Schott.* Brazil.
- P. squamiferum*, *Poepp.* Brazil.
- P. tripartitum*, *Schott.* Venezuela.
- P. verrucosum*, *Mathieu.* Colombia.
- P. Wallisii*, *Hort.*
- P. Wendlandii*, *Schott.* Cent. America.
- P. Williamsii*, *Hook. f.* Bahia. Bot. Mag. t. 5899.

Phyllotaenium, André. See *Xanthosoma*.

Pinellia, Tenore. See Hand-list of Herbaceous plants.

Piptospathe, *N. E. Br.*

- P. insignis*, *N. E. Br.* Borneo. Bot. Mag. t. 6598.
- P. Ridleyi*, *N. E. Br.* Malaya. Bot. Mag. t. 7410.

Pistia, *L.*

- P. Stratiotes*, *L.* Tropics.

Podolasia, *N. E. Br.*

- P. stipitata*, *N. E. Br.* Borneo.

Pothos, *L.*

- P. argenteus*, *Bull.* Borneo.
- P. argyraeus*, *Hort.* See *Scindapsus pictus*.

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Pothos—*cont.*

P. aureus, *Lind & And.* Solomon Islands.

P. celatocaulis, *N. E. Br.* Borneo.

P. crassinervia, *Hook.* See *Anthurium Hookeri*.

P. Loureirii, *Hook.* Philippines and China.

P. nigricans, *L. Lind.* Hab. — ?

P. scandens, *L.* India.

Proteinophallus, *Hook. f.* See *Amorphophallus*.

Remusatia, *Schott.*

R. vivipara, *Schott.* India. Bot. Cab. t. 281.

Rhaphidophora, *Schott.*

R. decursiva, *Schott.* Himalaya.

R. lancifolia, *Schott.* Khasia. Gard. Chron 1874, ii. 611, fig. 124.

R. Lobbii, *Schott.* Malaya.

R. pertusa, *Schott.* India and Malaya

R. pinnata, *Schott.* See *Epipremnum mirabile*.

Richardia, *Kunth.*

R. aethiopica, *Spreng.* See *africana*.

R. africana, *Kth.* S. Africa. Bot. Mag. t. 832.

Var. *nana compacta*.

R. albomaculata, *Hook.* S. Africa. Bot. Mag. t. 5140.

R. aurata, *Hort.* See *hastata*.

R. elliottiana, *Hort.* S. Africa. Bot. Mag.

R. hastata, *Hook.* S. Africa. Bot. Mag. t. 5176.

R. Lutwychei, *N. E. Br.* See *hastata*.

R. melanoleuca, *Hook. f.* S. Africa. Bot. Mag. t. 5765.

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Richardia—cont.

R. Pentlandii, *Hook. f.* S. Africa. Bot. Mag. t. 7397.

R. Rehmannii, *N. E. Br.* Natal. Bot. Mag. t. 7436.

Sauromatum, Schott.

S. guttatum, *Schott.* India. Bot. Mag. t. 4465.

S. pedatum, *Hort.* See *guttatum*.

S. punctatum, *K. Koch.* See *guttatum*.

S. venosum, *Schott.* See *guttatum*.

Schismatoglottis, Zoll. & Morr.

S. crispata, *Hook. f.* Borneo. Bot. Mag. t. 6576.

S. Lavalleyi, *Linden.* Malaya. Ill. Hort. 1881, t. 418.

S. neoguineensis, *N. E. Br.* New Guinea.

S. picturata, *N. E. Br.* Malaya.

S. pulchra, *N. E. Br.* Borneo. Ill. Hort. 1884, t. 520.

S. siamensis, *Bull.* Siam.

S. variegata, *Hort.* See *neoguineensis*.

Schizocasia, Schott. See Alocasia.

Scindapsus, Schott.

S. pictus, *Hassk.* Malaya.

S. pteropodus, *Teijsm. & Binn.* Sumatra.

Spathanthemum, Schott.

S. heterandrum, *N. E. Br.* See *orbignyanum*.

S. orbignyanum, *Schott.* Bolivia.

Spathicarpa, Hook.

S. platyspatha, *Schott.* See *sagittifolia*.

S. sagittifolia, *Schott.* Brazil.

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Spathiphyllum, *Schott.*

- S. blandum*, *Schott.* Trop. America.
- S. candidum*, *N. E. Br.* Colombia.
- S. cannaefolium*, *Schott.* Trop. America.
- S. Dechardii*, *Hort.* See *cannaefolium*.
- S. floribundum*, *N. E. Br.* Colombia.
- S. longirostre*, *Schott.* Mexico.
- S. Minahassae*, *Regel.* Hab. — ?
- S. Ortgiesii*, *Regel.* Mexico. *Gartenfl.* 1872, t. 738.
- S. Patinii*, *N. E. Br.* Colombia.

Stenospermation, *Schott.*

- S. multiovulatum*, *N. E. Br.* Colombia.
- S. Wallisii*, *Mast.* Colombia.

Steudnera, *K. Koch.*

- S. colocasiaefolia*, *K. Koch.* Martaban. *Bot. Mag.* t. 6762.
- S. colocasioides*, *Hook. f.* Himalaya.
- S. discolor*, *Bull.* India. *Bot. Mag.* t. 6076.

Symplocarpus, *Salisb.* See Hand-list of Herbaceous plants.

Synandropadix, *Engler.*

- S. vermitoxicus*, *Engler.* Tucuman. *Bot. Mag.* t. 7242.

Synantherias, *Schott.*

- S. sylvatica*, *Schott.* India. *Bot. Mag.* t. 7190.

Syngonium, *Schott.*

- S. auritum*, *Schott.* • Mexico.
- S. Wendlandii*, *Schott.* Costa Rica.

Taccarum, Brong.

T. Warmingii, Engler. Brazil.

Thomsonia, Wall.

T. nepalensis, Wall. Himalaya. Bot. Mag. t. 7342.

Typhonium, Schott.

T. giganteum, Engler. China.

T. orixense, Schott. See *trilobatum*.

T. pedatum, Schott. Pegu.

T. Roxburghii, Schott. Singapore. Java.

T. trilobatum, Schott. India and Malaya. Bot. Reg. t. 450.

Xanthosoma, Schott.

X. appendiculatum, Schott. See *atrovirens*.

X. atrovirens, K. Koch. Venezuela.

X. belophyllum, Kth. Trop. America.

X. Lindenii, T. Moore. Colombia.

X. robustum, Schott. Mexico.

X. violaceum, Schott. W. Indies.

Zamioculcas, Schott.

Z. Boivinii, Dcne. Trop. Africa.

Z. Loddigesii, Schott. Trop. Africa.

Alismaceae.*Hydrocleis, L. C. Rich.*

H. Commersoni, Rich. Brazil.

H. Humboldtii, Endl. See *Commersoni*.

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Limnocharis, H. B. K.

L. emarginata, *H.B.K.* Trop. America. Bot. Mag. t. 2525.

L. Humboldtii, Rich. See *Hydrocleis Commersonii*.

L. Plumieri, Rich. See *emarginata*.

Sagittaria, L.

S. lancifolia, *L.* W. Indies.

S. montevidensis, *Cham.* Argentina. Bot. Mag. t. 7408.

Naiadaceae.**Ouvirandra, Thou.**

O. fenestralis, *Poir.* Madagascar. Bot. Mag. t. 4894.

Restiaceae.**Dovea, Kunth.**

D. tectorum, *Mast.* S. Africa.

Restio, L.

R. subverticillatus, *Mast.* S. Africa.

R. tectorum, *L.* See *Dovea tectorum*.

R. tetraphyllus, *Labill.* Australia.

Willdenovia, Thunb.

W. teres, *Hort.* See *Restio subverticillatus*.

Cyperaceae.**Carex, L.**

C. baccans, *Nees.* Trop. Asia. Kunze Suppl. 79, t. 20.

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Carex—*cont.*

C. brunnea, *Thunb.* India, etc. Boott *Carex.*, i. t. 154.

Var. *variegata*.

C. scaposa, *C. B. Cl.* China. Bot. Mag. t. 6940.

C. trifida, *Cav.* Magellan. Cav. Ic. v. 41, t. 465.

C. tristachya, *Thunb.* Japan.

C. virgata, *Miq.* Java.

Cyperus, *L.*

C. alternifolius, *L.* Madagascar.

Var. *variegatus*, *Hort.*

C. natalensis, *Hort.* See *Mariscus natalensis*.

C. Papyrus, *L.* Trop. Africa, Palestine, Sicily.

Gahnia, *Forst.*

G. erythrocarpa, *R. Br.* Australia.

G. xanthocarpa, *Hook. f.* New Zealand.

Mapania, *Aubl.*

M. humilis, *Naves et Vill.* Malaya. Ill. Hort. xxxii., t. 557.

M. lucida, *N. E. Br.* See *humilis*.

Mariscus, *Vahl.*

M. (*Cyperus natalensis*, *Hort.*) Natal.

Pandanophyllum, *Hassk.* See *Mapania*.

Papyrus, *Willd.* See *Cyperus*.

P. antiquorum, *Willd.* See *Cyperus Papyrus*.

Uncinia, *Schreb.*

U. phleoides, *Pers.* Chili.

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Gramineae.

Anthistiria, *L.*

A. gigantea, *Cav.* Trop. Asia. *Cav. Ic. t. 36.*

Arundinaria, *Michx.*

A. falcata, *Nees.* Himalaya. *Gamble Bamb. tt. 11-12.* *

Var. *glomerata.*

A. Falconeri, *Benth.* Himalaya. *Gamble Bamb. t. 18.*

A. hookeriana, *Munro.* Himalaya.

A. intermedia, *Munro.* Himalaya. *Gamble Bamb. t. 14.*

A. spathiflora, *Trin.* Himalaya. *Gamble Bamb. t. 16.*

A. suberecta, *Munro.* Himalaya. *Gamble Bamb. t. 24.*

Arundo, *Tourn.*

A. madagascariensis, *Kunth.* Madagascar.

Bambusa, *Schreb.*

B. arundinacea, *Willd.* India. *Gamble Bamb. t. 48.*

Var. *spinosa.*

B. Brandisii, *Munro.* Burma.

B. epacrifolia, *Hort.* See *nana.*

B. nana, *Roxb.* China, Japan, etc.

Var. *variegata.*

B. quadrangularis, *Fenzi.* China? Japan.

B. regia, *Thoms.* See *Thyrsostachys siamensis.*

B. siamensis, *Kurz.* See *Thyrsostachys siamensis.*

B. striata, *Lodd.* See *vulgaris.*

B. vittato-argentea, *Hort.* See *nana* var. *variegata.*

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Bambusa—*cont.*

B. vulgaris, *Schrad.* India. Gamble Bamb. t. 40.

Var. *constrictinoda*, *Proudlock*.

Var. *striata*. Bot. Mag. t. 6079.

Beesha, Munro. See *Ochlandra*.

Cephalostachyum, *Munro*.

C. capitatum, *Munro*. Himalaya. Gamble Bamb. t. 91.

Chusquea, *Kunth*.

C. abietifolia, *Griseb.* Jamaica. Bot. Mag. t. 6811.

Coix, *L.*

C. exaltata, *Jacq.* See *Lachryma-Jobi*.

C. Lachryma-Jobi, *L.* Tropics. Bot. Mag. t. 2479.

Dendrocalamus, *Nees*.

D. giganteus, *Munro*. India and Malaya. Gamble Bamb. t. 76.

D. membranaceus, *Munro*. Burma. Gamble Bamb. t. 71.

D. sikkimensis, *Gamble*. Himalaya. Gamble Bamb. t. 72.

D. strictus, *Nees*. India and Java. Gamble Bamb. tt. 68-69.

Deyeuxia, *Clar.*

D. elegans, *Wedd.* Bolivia.

Euchlaena, *Schrad.*

E. luxurians, *Durieu*. See *mexicana*.

E. mexicana, *Schrad.* Guatemala. Bot. Mag. t. 6414.

Gigantochloa, *Kurz.*

G. atra, *Kurz.* Java.

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Guadua, Kunth.

G. glomerata Munro. Brazil.

G. Tagoara, Kunth. Brazil.

Gynerium, H. & B.

G. saccharoides, H. & B. Trop. America. Bot. Mag. t. 7352.

Leptaspis, R. Br.

L. Banksii, R. Br. Australia.

Melocanna, Trin.

M. bambusoides, Trin. India. Gamble Bamb. t. 105.

Ochlandra, Thw.

O. Rheedei, Benth. Uccchin and Travancore. Gamble
Bamb. t. 107.

O. stridula, Thw. Ceylon. Gamble Bamb. t. 109.

Olyra, L.

O. concinna, Hook. f. Costa Rica. Bot. Mag. t. 7469.

O. floribunda, Raddi. Brazil.

Oplismenus, Beauv.

O. Burmannii, Beauv. Tropics.

Oryza, L.

O. sativa, L. India.

Oxytenanthera, Munro.

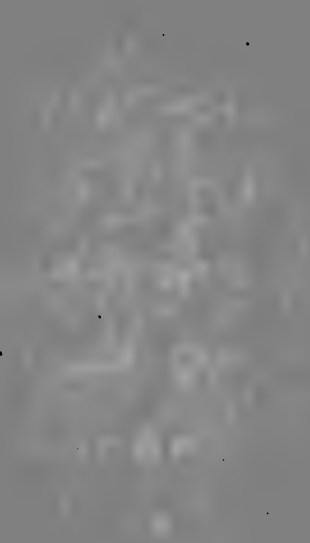
O. abyssinica, Munro. Trop. Africa.

Panicum, L.

P. plicatum, Lam. Tropics. Schrank Pl. Rar. t. 19.

P. spectabile, Nees. Trop. Africa and America.

P. variegatum, Hort. See *Oplismenus Burmannii*.



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Thamnocalamus, Munro. See *Arundinaria*.

Thysanolaena, Nees.

T. acarifera, Arn. & Nees. See *T. Agrostis*.

T. Agrostis, Nees. Trop. Asia.

Trichopteryx, Nees.

T. elegans, Hack. Trop. Africa.

Thyrsostachys, Gamble.

T. siamensis, Gamble. Burma. Gamble Bamb. t. 51.



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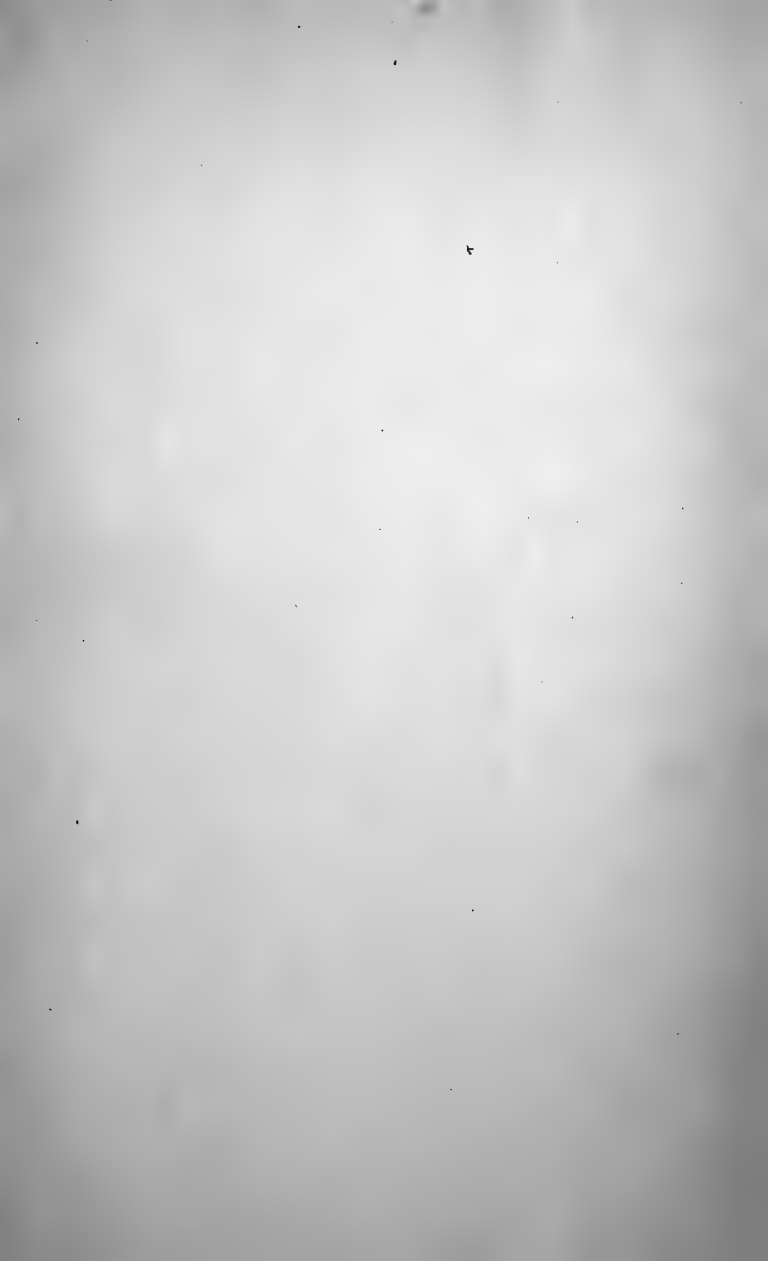
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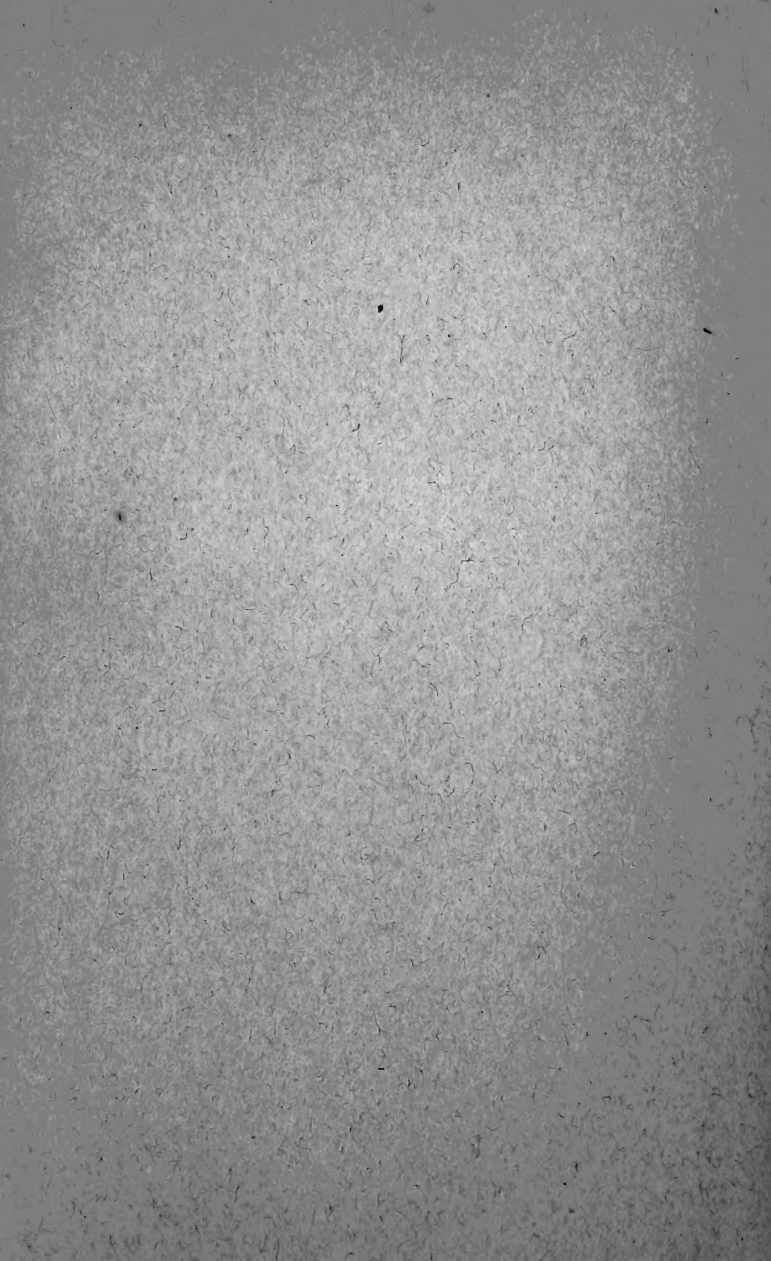
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